

DEPARTMENT OF TRANSPORTATION

OFFICE OF THE SECRETARY

Federal Funds

General and special funds:

SALARIES AND EXPENSES

For necessary expenses of the Office of the Secretary of Transportation, including not to exceed \$27,000 for allocation within the Department for official reception and representation expenses as the Secretary may determine; \$21,370,000.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-05-0102-0-1-506	1970 actual	1971 est.	1972 est.
Program by activities:			
Direct program: General administration (program costs, funded).....	12,502	18,385	21,370
Change in selected resources ¹	38		
Total direct obligations.....	12,540	18,385	21,370
Reimbursable program: Office of Emergency Transportation (costs—obligations).....	220	227	227
10 Total obligations.....	12,760	18,612	21,597
Financing:			
11 Receipts and reimbursements from: Federal funds: For emergency preparedness functions.....	-220	-227	-227
25 Unobligated balance lapsing.....	1		
Budget authority.....	12,541	18,385	21,370
Budget authority:			
40 Appropriation.....	12,320	17,535	21,370
40 Pay increase (Public Law 91-305).....	221		
44.20 Proposed supplemental for civilian pay act increases.....		850	
Relation of obligations to outlays:			
71 Obligations incurred, net.....	12,540	18,385	21,370
72 Obligated balance, start of year.....	1,210	846	1,231
74 Obligated balance, end of year.....	-846	-1,231	-1,731
77 Adjustments in expired accounts.....	4		
90 Outlays, excluding pay increase supplemental.....	12,907	17,200	20,820
91.20 Outlays from civilian pay act supplemental.....		800	50

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$626 thousand; 1970, \$664 thousand; 1971, \$664 thousand; 1972, \$664 thousand.

This appropriation finances, under the general administrative program, the costs of policy development, central supervisory, and coordinating functions necessary for the overall planning and direction of the Department. It covers the immediate secretarial offices as well as those of the assistant secretaries and the general counsel. Also covered are staff assistance and supervision of general management and administration in the Department and

general administrative services provided to the organizations financed from this appropriation.

Object Classification (in thousands of dollars)

Identification code 21-05-0102-0-1-506	1970 actual	1971 est.	1972 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	8,898	13,179	15,289
11.3 Positions other than permanent.....	363	322	322
11.5 Other personnel compensation.....	219	220	220
11.8 Special personal service payments.....	218	226	226
Total personnel compensation.....	9,698	13,947	16,057
12.1 Personnel benefits: Civilian employees.....	675	1,094	1,295
21.0 Travel and transportation of persons.....	290	494	580
22.0 Transportation of things.....	11	36	45
23.0 Rent, communications, and utilities.....	280	396	591
24.0 Printing and reproduction.....	335	345	345
25.0 Other services.....	891	1,745	2,117
26.0 Supplies and materials.....	107	148	160
31.0 Equipment.....	253	180	180
Total direct obligations.....	12,540	18,385	21,370
Reimbursable obligations:			
Personnel compensation:			
11.1 Permanent positions.....	205	207	211
11.3 Positions other than permanent.....	1		
11.5 Other personnel compensation.....	1		
Total personnel compensation.....	207	207	211
12.1 Personnel benefits: Civilian employees.....	10	16	16
21.0 Travel and transportation of persons.....	2	4	
25.0 Other services.....	1		
Total reimbursable obligations.....	220	227	227
99.0 Total obligations.....	12,760	18,612	21,597

Personnel Summary

Direct Program:			
Total number of permanent positions.....	571	819	908
Full-time equivalent of other positions.....	33	26	26
Average number of all employees.....	565	757	855
Average GS grade.....	11.7	12.0	12.0
Average GS salary.....	\$17,830	\$17,991	\$18,170
Average salary of ungraded positions.....	\$7,107	\$7,194	\$7,194
Reimbursable program:			
Total number of permanent positions.....	11	11	11
Average number of all employees.....	11	11	11
Average GS grade.....	11.7	11.9	11.9
Average GS salary.....	\$18,387	\$19,062	\$19,310

TRANSPORTATION PLANNING, RESEARCH, AND DEVELOPMENT

For necessary expenses for conducting transportation planning, research, and development activities, including the collection of national transportation statistics, to remain available until expended \$31,000,000, of which not to exceed \$6,500,000 shall be derived from the Appropriation for Airway system investment and development (Airport and Airway Trust Fund).

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

General and special funds—Continued

TRANSPORTATION, PLANNING, RESEARCH, AND DEVELOPMENT—Con.

Program and Financing (in thousands of dollars)

Identification code 21-05-0142-0-1-506	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Transportation policy and planning ..	5,046	7,939	6,200
2. Transportation systems development and technology	1,059	10,147	24,000
3. Transportation facilitation	250	250	300
4. Special programs	195	274	500
Total program costs, funded	6,550	18,610	31,000
Change in selected resources ¹	1,578	1,000	-----
10 Total obligations	8,128	19,610	31,000
Financing:			
13 Receipts and reimbursements from: Trust funds			-6,500
21 Unobligated balance available, start of year	-2,238	-5,110	-----
24 Unobligated balance available, end of year	5,110	-----	-----
40 Budget authority (appropriation)	11,000	14,500	24,500
Relation of obligations to outlays:			
71 Obligations incurred, net	8,128	19,610	24,500
72 Obligated balance, start of year	5,071	5,839	12,449
74 Obligated balance, end of year	-5,839	-12,449	-22,449
90 Outlays	7,360	13,000	14,500

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$4,010 thousand; 1970, \$5,588 thousand; 1971, \$6,588 thousand; 1972, \$6,588 thousand.

The Department of Transportation Act of 1966 assigns to the Secretary broad responsibilities for the development and coordination of national transportation policies and programs. This appropriation finances those research activities and studies which directly support the Secretary's responsibilities and which can more effectively or appropriately be conducted in the Office of the Secretary rather than by the operating administrations within the Department. The program is carried out primarily through contracts with other Federal agencies, educational institutions, nonprofit research organizations, and private firms.

1. *Transportation policy and planning.*—Studies and analyses are conducted on a broad range of transportation policy, economic and environmental problems to determine national transportation requirements and to provide the Secretary with the information and analyses needed for effective decisionmaking on national transportation policies, plans, and programs. Included are programs to forecast transportation demand, to develop models and other analytical devices that will help assess alternative courses of action, to conduct economic and statistical studies designed to assess the effects of economic regulation, and to examine the interrelationship of transportation with changing economic, social, aesthetic, and environmental factors and forces. Projects are also carried out to develop new methods and effective programs to provide transportation information needed by the Federal, State, and local governments, and industry. Amounts are also included for the ongoing programs to develop plans for meeting the transportation needs of the Northeast Corridor as well as studies and research relating to transportation systems development as it affects national urban and environmental policy.

2. *Transportation systems development and technology.*—Projects are carried out to advance transportation technology generally; to seek solutions to transportation

problems which are intermodal in nature; to provide information and forecasts on new technology required as a basis for planning and development of transportation systems, policies, and programs; to conduct research on longer range technical problems in transportation; and to manage research programs of such priority that they demand Secretarial emphasis. In 1972, funds are requested to continue and expand advanced research and development efforts to improve air transportation (to be financed from the airport and airway trust fund), to develop multimodal and intermodal systems and technology, and to promote environmental and ecological improvements. Environmental studies related to SST operations will be given high priority. In general, projects are designed to complement research and development programs of the operating administrations and to stimulate industry efforts to advance transportation technology.

3. *Transportation facilitation.*—Research and studies in this area are aimed at reducing the costs and removing the impediments to the rapid and efficient flow of passengers and cargo by modernizing our systems of transportation documentation and procedures. Projects will also be directed at realizing the economic and technological benefits of important transportation developments which can be achieved through cooperative research and development arrangements with foreign countries.

4. *Special programs.*—Projects in this activity are chiefly to provide technical studies and other data in support of the Department's programs in the areas of consumer affairs, hazardous materials, and pipeline safety.

Object Classification (in thousands of dollars)

Identification code 21-05-0142-0-1-506	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions	956	1,287	1,589
11.3 Positions other than permanent	159	220	173
11.5 Other personnel compensation	4	5	5
11.8 Special personal service payments	16	-----	-----
Total personnel compensation	1,135	1,512	1,767
12.1 Personnel benefits: Civilian employees	76	100	124
21.0 Travel and transportation of persons	60	138	137
23.0 Rent, communications, and utilities	12	-----	-----
24.0 Printing and reproduction	125	-----	-----
25.0 Other services	6,687	17,690	28,815
26.0 Supplies and materials	5	20	17
31.0 Equipment	28	150	140
99.0 Total obligations	8,128	19,610	31,000

Personnel Summary

Total number of permanent positions	80	90	90
Full-time equivalent of other positions	8	9	7
Average number of all employees	67	82	95
Average GS grade	12.0	12.2	12.2
Average GS salary	\$17,712	\$17,576	\$18,066
Average GG grade	11.3	-----	-----
Average GG salary	\$16,452	-----	-----

TRANSPORTATION RESEARCH ACTIVITIES OVERSEAS (SPECIAL FOREIGN CURRENCY PROGRAM)

For payments in foreign currencies which the Treasury Department determines to be excess to the normal requirements of the United States, for necessary expenses for conducting transportation research activities overseas, as authorized by law, \$500,000, to remain available until expended: Provided, That this appropriation shall be available, in addition to other appropriations to the Department, for payments in the foregoing currencies.

Program and Financing (in thousands of dollars)

Identification code 21-05-0105-0-1-506	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Overseas research (costs—obligations) (object class 25.0).....			500
Financing:			
40 Budget authority (appropriation).....			500
Relation of obligations to outlays:			
71 Obligations incurred, net.....			500
72 Obligated balance, start of year.....			
74 Obligated balance, end of year.....			-200
90 Outlays.....			300

Foreign currencies which are in excess of the normal requirements of the United States will be used in 1972 to support research projects in Poland and Yugoslavia, such as those relating to international standardization of transportation procedures.

GRANTS-IN-AID FOR NATURAL GAS PIPELINE SAFETY

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-05-0104-0-1-506	1970 actual	1971 est.	1972 est.
Financing:			
21 Unobligated balance available, start of year.....			-500
24 Unobligated balance available, end of year.....		500	500
40 Budget authority (appropriation).....		500	
Relation of obligations to outlays:			
71 Obligations incurred, net.....			
90 Outlays.....			

Under the Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. 1674), the Federal Government has established minimum safety standards. States are expected to comply voluntarily with requirements of the act, including annual reporting requirements. Also under the act, grants of up to 50% of the cost of personnel, equipment, and activities of a State agency reasonably required to carry out a natural gas pipeline safety program may be made. No such grants are contemplated in the 1971 or 1972 budgets.

CIVIL SUPERSONIC AIRCRAFT DEVELOPMENT

For an additional amount for expenses, not otherwise provided for, necessary for the development of a civil supersonic aircraft, including the construction of two prototype aircraft of the same design, and advances of funds without regard to the provisions of section 3648 of the Revised Statutes, as amended (31 U.S.C. 529), \$235,000,000, to remain available until expended.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-05-1358-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Civil supersonic aircraft research and development (costs—obligations).....	160,520	233,519	235,000
Financing:			
21 Unobligated balance available, start of year.....	-99,039	-23,519	
24 Unobligated balance available, end of year.....	23,519		
40 Budget authority (appropriation).....	85,000	210,000	235,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	160,520	233,519	235,000
72 Obligated balance, start of year.....	39,693	88,865	89,884
74 Obligated balance, end of year.....	-88,865	-89,884	-43,884
90 Outlays.....	111,348	232,500	281,000

The objective of this program is to develop a supersonic transport which will be safe, economically profitable in airline service and more technically advanced than any other commercial aircraft. To the extent possible, the development is being carried out by private enterprise in a manner which will maintain the normal industry/customer relationship. Because of the magnitude of the funds required to develop the aircraft, the technical risk associated with this first U.S. supersonic transport, and the long period between investment and potential profit, Government financial support is essential. The program is a cost-sharing venture involving the Government, the aircraft manufacturers, and their customers—the airlines.

The program is now in the prototype construction phase which includes 100 hours of flight testing. The amount requested is a current estimate of funds needed in 1972 to continue work on the construction of two prototype aircraft.

Object Classification (in thousands of dollars)

Identification code 21-05-1358-0-1-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	1,832	2,093	2,271
11.3 Positions other than permanent.....	9	10	10
11.5 Other personnel compensation.....	2	5	5
11.8 Special personal service payments.....	75	102	102
Total personnel compensation.....	1,918	2,210	2,388
12.1 Personnel benefits: Civilian employees.....	138	193	205
21.0 Travel and transportation of persons.....	100	190	196
22.0 Transportation of things.....	1	6	11
23.0 Rent, communications, and utilities.....	9	62	62
24.0 Printing and reproduction.....	2	20	23
25.0 Other services.....	158,269	230,813	232,090
26.0 Supplies and materials.....	26	25	25
31.0 Equipment.....	52		
42.0 Insurance claims and indemnities.....	5		
99.0 Total obligations.....	160,520	233,519	235,000

Personnel Summary

Total number of permanent positions.....	117	117	117
Average number of all employees.....	90	101	108
Average GS grade.....	12.7	12.7	12.7
Average GS salary.....	\$20,185	\$20,422	\$20,737

General and special funds—Continued

CONSOLIDATION OF DEPARTMENTAL HEADQUARTERS

For necessary expenses in connection with the consolidation of departmental activities into the Southwest Area of Washington, District of Columbia, \$2,000,000.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-05-0103-0-1-506	1970 actual	1971 est.	1972 est.
Program by activities:			
Consolidation of departmental headquarters.....	506	4,607	2,000
Change in selected resources ¹	4,012	-4,012	-----
10 Total obligations.....	4,518	595	2,000
Financing:			
25 Unobligated balance lapsing.....	2	-----	-----
Budget authority.....	4,520	595	2,000
Budget authority:			
40 Appropriation.....	4,520	4,845	2,000
41 Transferred to other accounts.....	-----	-4,250	-----
43 Appropriation (adjusted).....	4,520	595	2,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	4,518	595	2,000
72 Obligated balance, start of year.....	-----	4,069	-----
74 Obligated balance, end of year.....	-4,069	-----	-400
90 Outlays.....	448	4,664	1,600

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$0; 1970, \$4,012 thousand; 1971, \$0; 1972, \$0.

Funds in this appropriation are to finance costs incidental to the consolidation of most of the headquarter's organizations under the Department into the Nassif Building, located at 400 7th Street SW., Washington, D.C. In 1972, \$790 thousand will be required for the full-year cost of leasing employee automobile parking in the Nassif Building. In addition, \$950 thousand is required for the relocation of the Department's printing plant from the Washington Navy Yard; \$170 thousand for installation of a library sprinkler system, required by the General Services Administration; and \$90 thousand for installation of a driveway entrance to the Nassif Building.

Object Classification (in thousands of dollars)

Identification code 21-05-0103-0-1-506	1970 actual	1971 est.	1972 est.
22.0 Transportation of things.....	1	-----	-----
23.0 Rent, communications, and utilities....	1,652	595	850
25.0 Other services.....	2,534	-----	1,150
26.0 Supplies and materials.....	18	-----	-----
31.0 Equipment.....	313	-----	-----
99.0 Total obligations.....	4,518	595	2,000

Intragovernmental funds:

WORKING CAPITAL FUND

Program and Financing (in thousands of dollars)

Identification code 21-05-4520-0-4-506	1970 actual	1971 est.	1972 est.
Program by activities:			
Operating costs, funded:			
1. Publishing and graphics program:			
(a) Direct operating costs.....	4,190	4,448	4,896
(b) Overhead costs.....	398	494	542
2. Still photographic services:			
(a) Direct operating costs.....	223	239	245
(b) Overhead costs.....	27	29	30
3. Computer time sharing services:			
(a) Direct operating costs.....	529	400	400
(b) Overhead costs.....	2	8	9
4. Library:			
(a) Direct operating costs.....	647	763	840
(b) Overhead costs.....	32	43	49
5. Travel services and imprest fund:			
(a) Direct operating costs.....	63	146	165
(b) Overhead costs.....	3	8	10
6. Central employment information:			
(a) Direct operating costs.....	9	51	62
(b) Overhead costs.....	1	6	7
7. Warehouse management:			
(a) Direct operating costs.....	-----	115	139
(b) Overhead costs.....	-----	13	15
8. Emergency readiness:			
(a) Direct operating costs.....	-----	98	122
(b) Overhead costs.....	-----	11	13
9. Parking management:			
(a) Direct operating costs.....	-----	614	1,228
(b) Overhead costs.....	-----	6	9
10. Chauffeur services:			
(a) Direct operating costs.....	-----	89	130
(b) Overhead costs.....	-----	6	8
11. Mail and messenger service:			
(a) Direct operating costs.....	-----	213	423
(b) Overhead costs.....	-----	9	21
Total operating costs.....	6,124	7,809	9,363
Capital outlay, funded:			
1. Publishing and graphics program:			
Purchase of equipment.....	29	100	37
2. Still photographic services: Purchase of equipment.....	20	8	24
3. Library: Purchase of equipment.....	127	10	20
4. Travel services and imprest fund: Purchase of equipment.....	1	6	2
5. Central employment information: Purchase of equipment.....	-----	5	3
6. Warehouse management: Purchase of equipment.....	-----	2	5
7. Emergency readiness: Purchase of equipment.....	-----	18	5
8. Parking management: Purchase of equipment.....	-----	1	-----
9. Chauffeur services: Purchase of equipment.....	-----	2	1
10. Mail and messenger service: Purchase of equipment.....	-----	3	3
Total capital outlay.....	177	155	100
Total program costs, funded.....	6,301	7,964	9,463
Charge in selected resources ¹	95	-----	-15
10 Total obligations.....	6,396	7,964	9,448
Financing:			
Receipts and reimbursements from:			
Federal funds:			
Publishing and graphics program.....	-4,432	-5,007	-5,484
Still photographic services.....	-256	-295	-307

Computer time sharing services	-531	-408	-409
Library	-727	-810	-919
Travel services and imprest fund	-68	-155	-176
Central employment information	-10	-58	-70
Warehouse management		-133	-159
Emergency readiness		-110	-136
Parking management		-620	-1,237
Chauffeur services		-95	-139
Mail and messenger service		-224	-447
Unfilled customer's orders	-96		
21 Unobligated balance available, start of year	-637	-361	-312
24 Unobligated balance available, end of year	361	312	347
Budget authority			
Relation of obligations to outlays:			
71 Obligations incurred, net	276	49	-35
72 Obligated balance, start of year	296	690	888
74 Obligated balance, end of year	-690	-888	-853
90 Outlays	-118	-149	

¹ Balances of selected resources are identified on the statement of financial condition.

The working capital fund was authorized by the Department of Transportation Act (sec. 9, Public Law 89-670) to finance common administrative services centrally performed in the interest of economy and efficiency in the Department. Established on July 2, 1967, the fund initially provided for publishing and graphic services, which included costs to operate the departmental printing plant, authorized by the Joint Committee on Printing, U.S. Congress. Subsequent to that date and including programs proposed for 1971, the fund has been expanded to include Washington headquarter services of still photographic services, computer time sharing, consolidated library operations, consolidated travel and imprest fund operations, central employment information, warehouse management, emergency readiness, parking management, chauffeur, and mail and messenger services.

Operating results and financial condition.—Services rendered are charged for at rates which return in full all operating expenses, including a normal reserve for accrued annual leave and depreciation of equipment. The fund is reimbursed in advance by the operating administrations and offices being served. No action is required with regard to the deficit in retained earnings for 1970. The deficit is very slight in relation to the annual revenue of the fund and will be recovered as a part of revenue during future years.

Revenue and Expense (in thousands of dollars)			
	1970 actual	1971 est.	1972 est.
Publishing and graphics program:			
Revenue	4,432	5,007	5,484
Expense	4,527	4,977	5,469
Net operating income or loss	-95	30	15
Still photographic services:			
Revenue	256	295	307
Expense	282	299	307
Net operating income or loss	-26	-4	
Computer time sharing service:			
Revenue	531	408	409
Expense	531	408	409
Net operating income or loss			

Library:			
Revenue	727	810	919
Expense	701	836	919
Net operating income or loss	26	-26	
Travel services and imprest fund:			
Revenue	68	155	176
Expense	68	155	176
Net operating income or loss			
Central employment information:			
Revenue	10	58	70
Expense	10	58	70
Net operating income or loss			
Warehouse management:			
Revenue		133	159
Expense		133	159
Net operating income or loss			
Emergency readiness:			
Revenue		110	136
Expense		110	136
Net operating income or loss			
Parking management:			
Revenue		620	1,237
Expense		620	1,237
Net operating income or loss			
Chauffeur services:			
Revenue		95	139
Expense		95	139
Net operating income or loss			
Mail and messenger service:			
Revenue		224	447
Expense		224	447
Net operating income or loss			
Net income or loss for the year	-95		15

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Treasury balance	933	1,051	1,200	1,200
Deposits in transit		410	400	427
Accounts receivable	96	419	420	420
Selected assets:				
Work in process	48	56	60	60
Supplies and materials	87	110	115	115
Advances		7	10	10
Fixed assets, equipment	336	496	583	571
Library collection ¹		2,363	2,363	2,363
Total assets	1,500	4,912	5,151	5,166
Liabilities:				
Accounts payable	786	1,075	1,075	1,075
Accrued expenses	125	350	175	175
Operating reserves (leave)	90	173	211	211
Advances from customers	108	616	800	800
Total liabilities	1,109	2,214	2,261	2,261
Government equity:				
Unobligated balance	637	361	312	347
Unfilled customers' orders	-669	-632	-483	-491
Invested capital and earnings	423	2,969	3,061	3,049
Total Government equity	391	2,698	2,890	2,905

Intragovernmental funds—Continued

WORKING CAPITAL FUND—Continued

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Non-interest-bearing capital:			
Start of year.....	431	2,836	3,028
Donated assets less assumed liabilities.....	2,405	192	-----
End of year.....	2,836	3,028	3,028
Retained earnings or deficit.....	-138	-138	-123
Total Government equity.....	2,698	2,890	2,905
Retained earnings:			
Start of year.....	-40	-138	-138
Adjustment to prior year costs.....	-3	-----	-----
Net income for the year.....	-95	-----	15
End of year.....	-138	-138	-123

¹ The value of the library book collection is the estimated donated asset value.

Object Classification (in thousands of dollars)

Identification code 21-05-4520-0-4-506	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	1,588	2,431	2,790
11.3 Positions other than permanent.....	30	53	53
11.5 Other personnel compensation.....	79	179	209
Total personnel compensation.....	1,697	2,663	3,052
12.1 Personnel benefits: Civilian employees.....	458	220	250
21.0 Travel and transportation of persons.....	3	22	24
23.0 Rent, communications, and utilities.....	273	684	1,302
24.0 Printing and reproduction.....	2,490	2,726	3,020
25.0 Other services.....	622	917	1,038
26.0 Supplies and materials.....	467	442	487
31.0 Equipment.....	291	290	290
Total costs, funded.....	6,301	7,964	9,463
94.0 Change in selected resources.....	95	-----	-15
99.0 Total obligations.....	6,396	7,964	9,448

Personnel Summary

Total number of permanent positions.....	234	300	300
Full-time equivalent of other positions.....	8	8	8
Average number of all employees.....	196	264	296
Average GS grade.....	7.3	6.7	6.7
Average GS salary.....	\$9,695	\$9,332	\$9,546
Average salary of ungraded positions.....	\$8,692	\$8,918	\$9,417

CONSOLIDATED WORKING FUND, TRANSPORTATION SYSTEMS CENTER

Program and Financing (in thousands of dollars)

Identification code 21-05-3900-0-4-506	1970 actual	1971 est.	1972 est.
Program by activities:			
Transportation research (program costs, funded) ¹	-----	21,140	24,725
Change in selected resources ²	-----	1,445	1,755
10 Total obligations.....	-----	22,585	26,480
Financing:			
Receipts and reimbursements from:			
11 Federal funds.....	-----	-21,085	-17,730
13 Trust funds.....	-----	-1,500	-8,750
Budget authority			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-----	-----	-----
72 Obligated balance, start of year.....	-----	-----	1,785
74 Obligated balance, end of year.....	-----	-1,785	-3,200
90 Outlays.....	-----	-1,785	-1,415

¹ Includes capital outlay as follows: 1971, \$2,400 thousand; 1972, \$3,325 thousand.
² Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1970, \$0; 1971, \$1,445 thousand; 1972, \$3,200 thousand.

The Consolidated Working Fund was established to facilitate the conduct of operations of the Transportation Systems Center which are financed from a number of appropriations of the Department of Transportation plus the National Aeronautics and Space Administration. The programs of the Center are funded from advances received from the Office of the Secretary, the operating administrations in the Department of Transportation, and NASA in accordance with general working agreements and specific project plan agreements.

The Transportation Systems Center serves as a technical transportation resource for the Office of the Secretary and the operating administrations. Its specific projects planned for 1972 are grouped generally along the following lines:

Transportation safety.—The chief effort under this heading is in the highway safety field with additional efforts in aviation, marine, and railway safety.

Pollution reduction.—This grouping includes both aircraft and automotive pollution, with a smaller effort in marine sources.

Noise abatement.—With the exception of work concerned with supersonic engine noise abatement, this area of projects is in support of systems analysis work of the Assistant Secretary for Systems Development and Technology.

Air transportation.—This is the largest grouping of TSC's projects and is primarily directed to air traffic control. The balance of the effort is split between navigation and systems development.

Ground transportation.—Highway utilization and traffic control, new urban transportation systems, advanced high-speed systems, and conventional rail systems are the main project areas under this category.

Marine transportation.—This grouping is in support of the Coast Guard and is mainly work in marine navigation aids.

Multimodal and general support systems.—Projects which are not directed toward a single mode of transportation are included here, with the primary effort in modeling, analysis, and intermodal systems technology.

Object Classification (in thousands of dollars)

Identification code 21-05-3900-0-4-506	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	-----	7,542	9,990
11.3 Positions other than permanent.....	-----	100	100
11.5 Other personnel compensation.....	-----	60	60
11.8 Special personal service payments.....	-----	21	10
Total personnel compensation.....	-----	7,723	10,160
12.1 Personnel benefits: Civilian employees.....	-----	610	810
21.0 Travel and transportation of persons.....	-----	300	400
22.0 Transportation of things.....	-----	45	56
23.0 Rent, communications, and utilities.....	-----	1,105	1,300
24.0 Printing and reproduction.....	-----	80	100
25.0 Other services.....	-----	9,275	9,014
26.0 Supplies and materials.....	-----	911	1,140
31.0 Equipment.....	-----	2,536	3,500
99.0 Total obligations.....	-----	22,585	26,480

Personnel Summary

Total number of permanent positions.....	575	700
Full-time equivalent of other positions.....	20	20
Average number of all employees.....	508	665
Average GS grade.....	11.0	11.0
Average GS salary.....	\$15,459	\$15,541
Average salary of ungraded positions.....	\$8,348	\$8,508

ADVANCES AND REIMBURSEMENTS

Program and Financing (in thousands of dollars)

Identification code 21-05-3990-0-4-506	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Administration support services	788	1,678	1,832
2. Agency for International Development	69	108	100
3. Transportation research	398	2,400	900
Total program costs, funded	1,255	4,186	2,832
Change in selected resources ¹	-149		
10 Total obligations	1,106	4,186	2,832
Financing:			
Receipts and reimbursements from:			
11 Federal funds	-1,106	-3,904	-2,402
13 Trust funds		-282	-430
Budget authority			
Relation of obligations to outlays:			
71 Obligations incurred, net			
90 Outlays			

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders. 1969, \$149 thousand; 1970, \$0; 1971, \$0; 1972, \$0.

Object Classification (in thousands of dollars)

Identification code 21-05-3990-0-4-506	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions	630	971	1,178
11.3 Positions other than permanent	22	36	37
11.5 Other personnel compensation	26	40	40
Total personnel compensation	678	1,047	1,255
12.1 Personnel benefits: Civilian employees	54	78	98
21.0 Travel and transportation of persons	11	69	71
23.0 Rent, communications, and utilities	19	23	23
24.0 Printing and reproduction	11		
25.0 Other services	333	2,969	1,385
99.0 Total obligations	1,106	4,186	2,832

Personnel Summary

Total number of permanent positions	65	83	83
Full-time equivalent of other positions	1	2	2
Average number of all employees	59	73	84
Average GS grade	8.9	10.5	10.5
Average GS salary	\$11,514	\$14,210	\$14,490

COAST GUARD

MILITARY PERSONNEL SUMMARY ALL APPROPRIATIONS—ACTIVE FORCES

Average Number

1970	Commissioned	Warrant	Enlisted	Cadets	Total
Direct:					
Operating expenses	3,934	1,137	30,856	885	36,812
Acquisition, construction, and improvements	67	19	30		116
Reserve training	139	56	807		1,002
Research, development, test, and evaluation	49	8	24		81
Yard fund	10	3	19		32
Subtotal	4,199	1,223	31,736	885	38,043

Reimbursable:					
Operating expenses:					
Department of Transportation	17		4		21
Other	7	2	38		47
Acquisition, construction, and improvements					
	9	2	32		43
Subtotal	33	4	74		111
Total	4,232	1,227	31,810	885	38,154

1971

Direct:					
Operating expenses	4,008	1,174	30,929	903	37,014
Acquisition, construction, and improvements	53	9	32		94
Reserve training	135	55	789		979
Research, development, test, and evaluation	42	9	34		85
Yard fund	9	3	18		30
Subtotal	4,247	1,250	31,802	903	38,202

Reimbursable:					
Operating expenses:					
Department of Transportation	18		6		24
Other	16	2	56		74
Acquisition, construction, and improvements					
	9	1			10
Subtotal	43	3	62		108
Total	4,290	1,253	31,864	903	38,310

1972

Direct:					
Operating expenses	4,124	1,193	31,162	963	37,442
Acquisition, construction, and improvements	57	13	39		109
Reserve training	103	30	279		412
Research, development, test, and evaluation	51	12	36		99
Yard fund	9	3	18		30
Subtotal	4,344	1,251	31,534	963	38,092

Reimbursable:					
Operating expenses:					
Department of Transportation	18		8		26
Other	35	5	116		156
Acquisition, construction, and improvements					
	9	1			10
Subtotal	62	6	124		192
Total	4,406	1,257	31,658	963	38,284

Yearend numbers

1970

Direct:					
Operating expenses	3,991	1,142	30,565	965	36,663
Acquisition, construction, and improvements	61	18	30		109
Reserve training	139	56	807		1,002
Research, development, test, and evaluation	49	8	24		81
Yard fund	8	3	16		27
Subtotal	4,248	1,227	31,442	965	37,882

Reimbursable:					
Operating expenses:					
Department of Transportation	16		5		21
Other	7	2	45		54
Acquisition, construction, and improvements					
	9	2	32		43
Subtotal	32	4	82		118
Total	4,280	1,231	31,524	965	38,000

MILITARY PERSONNEL SUMMARY ALL APPROPRIATIONS—ACTIVE
FORCES—Continued

Year-end numbers

	1971	Com- mis- sioned	War- rant	En- listed	Ca- dets	Total
Direct:						
Operating expenses	4,193	1,260	31,352	1,047	37,852	
Acquisition, construction, and im- provements	53	9	32	-----	94	
Reserve training	135	55	787	-----	977	
Research, development, test, and evaluation	35	7	32	-----	74	
Yard fund	9	3	18	-----	30	
Subtotal	4,425	1,334	32,221	1,047	39,027	
Reimbursable:						
Operating expenses:						
Department of Transportation	18	-----	8	-----	26	
Other	27	3	74	-----	104	
Acquisition, construction, and im- provements	9	1	-----	-----	10	
Subtotal	54	4	82	-----	140	
Total	4,479	1,338	32,303	1,047	39,167	
	1972					
Direct:						
Operating expenses	4,398	1,292	32,224	1,107	39,021	
Acquisition, construction, and im- provements	57	13	39	-----	109	
Reserve training	85	19	81	-----	185	
Research, development, test, and evaluation	51	12	36	-----	99	
Yard fund	9	3	18	-----	30	
Subtotal	4,600	1,339	32,398	1,107	39,444	
Reimbursable:						
Operating expenses:						
Department of Transportation	18	-----	8	-----	26	
Other	35	5	116	-----	156	
Acquisition, construction, and im- provements	9	1	-----	-----	10	
Subtotal	62	6	124	-----	192	
Total	4,662	1,345	32,522	1,107	39,636	

Federal Funds

General and special funds:

OPERATING EXPENSES

For necessary expenses for the operation and maintenance of the Coast Guard, not otherwise provided for, including services as authorized by 5 U.S.C. 3109; purchase of not to exceed sixteen passenger motor vehicles for replacement only; and recreation and welfare; \$460,500,000, of which \$143,003 shall be applied to Capehart Housing debt reduction: Provided, That the number of aircraft on hand at any one time shall not exceed one hundred and seventy-six exclusive of planes and parts stored to meet future attrition: Provided further, That, without regard to any provisions of law or Executive order prescribing minimum flight requirements, Coast Guard regulations which establish proficiency standards and maximum and minimum flying hours for this purpose may provide for the payment of flight pay at the rates prescribed in section 301 of title 37, United States Code, to certain members of the Coast Guard otherwise entitled to receive flight pay during the current fiscal year (1) who have held aeronautical ratings or designations for not less than fifteen years, or (2) whose particular assignment outside the United States or in Alaska, makes it impractical to participate in regular aerial flights: Provided further, That amounts equal to the obligated balances against the appropriations for "Operating expenses" for the two preceding years, shall be transferred to and merged with this appropriation, and such merged appropriation shall be available as one fund, except for accounting purposes of the Coast Guard, for the payment of obligations properly incurred against such prior year appropriations and against this appropriation: Provided further, That, except as otherwise au-

thorized by the Act of September 30, 1950 (20 U.S.C. 236-244), this appropriation shall be available for expenses of primary and secondary schooling for dependents of Coast Guard personnel stationed outside the continental United States at costs for any given area not in excess of those of the Department of Defense for the same area, when it is determined by the Secretary that the schools, if any, available in the locality are unable to provide adequately for the education of such dependents: Provided further, That not to exceed \$15,000 shall be available for investigative expenses of a confidential character, to be expended on the approval and authority of the Commandant and his determination shall be final and conclusive upon the accounting officer of the Government. (Additional authorizing legislation to be proposed.)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-15-0201-0-1-502	1970 actual	1971 est.	1972 est.
Program by activities:			
Direct program:			
1. Search and rescue	111,840	118,745	124,012
2. Aids to navigation	87,809	92,467	95,108
3. Merchant marine safety	21,264	23,021	24,201
4. Marine law enforcement	35,353	38,863	44,631
5. Oceanography, meteorology, and polar operations	43,562	46,686	50,317
6. Military readiness and opera- tions	37,242	34,534	32,955
7. General support	72,911	82,999	89,133
Total direct program costs	409,981	437,315	460,357
Unfunded adjustments to direct program costs: Property trans- ferred in without charge	-4,174	-5,000	-5,000
Total direct program costs, funded	405,807	432,315	455,357
Change in selected resources ¹	10,005	5,000	5,000
Total direct obligations	415,811	437,315	460,357
Reimbursable program:			
8. Miscellaneous services for other accounts (reimbursable pro- gram costs)	8,967	12,000	12,000
Change in selected resources ¹	66	-----	-----
Total reimbursable obligations	9,033	12,000	12,000
Total obligations	424,845	449,315	472,357
Financing:			
Receipts and reimbursements from:			
11 Federal funds	-8,685	-11,500	-11,500
14 Non-Federal sources ²	-476	-500	-500
21 Unobligated balance available, start of year	-93	-220	-220
24 Unobligated balance available, end of year	220	220	220
25 Unobligated balance lapsing	35	-----	-----
Budget authority	415,846	437,315	460,357
Budget authority:			
40 Appropriation	408,675	423,500	460,500
40 Pay increase (Public Law 91-305)	7,292	-----	-----
40.48 Portion applied to debt reduction	-131	-137	-143
41 Transferred to other accounts	-38	-48	-----
42 Transferred from other accounts	49	-----	-----
43 Appropriation (adjusted)	415,846	423,315	460,357
44.30 Proposed supplemental for mili- tary pay act increases	-----	14,000	-----
Relation of obligations to outlays:			
71 Obligations incurred, net	415,684	437,315	460,357
72 Obligated balance, start of year	46,876	53,011	61,876
74 Obligated balance, end of year	-53,011	-61,876	-60,233
77 Adjustments in expired accounts	-266	-----	-----
Total	409,282	414,450	462,000

91.30 Outlays from military pay act supplemental..... 14,000

¹ Selected resources as of June 30 are as follows:

	1969	1970	1971	1972
Direct program:		1970		
Stores.....	70,764	adjust- ments	80,482	85,482
Unpaid undelivered orders.....	31,123	-269	33,013	33,013
Advances.....	3,238		3,949	3,949
Uncompleted work orders.....	4,945		2,363	2,363
Total.....	110,070	-269	119,807	124,807
Reimbursable program:				
Unpaid undelivered orders.....	978	86	980	980
Advances.....	277		3	3
Uncompleted work orders.....			423	423
Total.....	1,254	86	1,406	1,406

² Reimbursements from non-Federal sources are derived from the sale of personal property (40 U.S.C. 481(c)) and repair or replacement of damaged Coast Guard property (14 U.S.C. 642).

The Coast Guard employs multipurpose vessels, aircraft, and shore units, strategically located along the coasts and inland waterways of the United States and in selected areas overseas to carry out the duties specified in title 14, United States Code.

Direct program.—1. *Search and rescue.*—Most Coast Guard operating facilities have the capacity for promoting safety on or over the high seas and on waters subject to the jurisdiction of the United States. The Coast Guard performs any and all acts necessary to rescue and aid persons and save property placed in jeopardy due to marine and aircraft disaster or due to floods and ice conditions (14 U.S.C. 88). Coast Guard activities in the area of search and rescue fall within the National Search and Rescue Plan and other agreements.

WORKLOAD DATA

	1969	1970	1971	1972
Search and rescue cases responded to by Coast Guard forces.....	41,688	43,000	44,370	46,046
Miles of track opened through ice.....	7,920	10,351	11,000	11,000

2. *Aids to navigation.*—A network of manned and unmanned aids to navigation is maintained along our coasts and on our inland waterways through the use of tenders and shore facilities to insure the safe passage of the mariner. Loran stations are operated in the United States and abroad to serve the needs of the armed services and marine and air commerce (14 U.S.C. 81).

WORKLOAD DATA

	1969	1970	1971	1972
Loran-A coverage (in millions of square miles): Ground wave.....	12.5	12.5	12.5	11.4
Loran-C coverage (in millions of square miles): Ground wave.....	12.6	12.6	9.4	12.6
Federal floating aids.....	24,770	25,600	26,100	26,700
Federal fixed aids and short-range electronic aids (radio beacons).....	19,469	19,934	20,450	21,100
Private aids authorized.....	24,850	26,633	27,400	28,200
Bridge permits and regulations processed...	315	369	420	560

3. *Merchant marine safety.*—The Coast Guard insures compliance with Federal statutes and regulations pertaining to the merchant marine industry by reviewing plans and specifications for the construction or alteration of merchant vessels; by periodic inspections; by conducting marine casualty investigations; and by setting standards, procedures, and practices under which merchant marine personnel are regulated (14 U.S.C. 2).

WORKLOAD DATA

	1969	1970	1971	1972
Licenses and documents issued.....	actual 43,916	actual 43,816	estimate 40,000	estimate 38,000
Seamen discharged.....	529,781	527,953	500,000	475,000
Vessels certificated.....	9,360	9,341	9,350	9,350
Marine casualties investigated.....	5,279	4,924	5,000	5,100

4. *Marine law enforcement.*—Vessels, aircraft, and shore units enforce Federal laws on the high seas and waters over which the United States exercises jurisdiction. Law enforcement activities include Atlantic, Pacific, and Alaskan fisheries patrols; Keys patrol; small-boat boarding; supervision of explosives loadings; enforcement of dangerous cargo and antipollution laws and regulations; and port safety (14 U.S.C. 89, 91). Vessels and educational resources assisted by the Coast Guard Auxiliary, State and local personnel combine to provide a balanced boating program.

WORKLOAD DATA

	1969	1970	1971	1972
Port safety:				
Waterfront facilities and vessels inspected.....	76,077	76,109	76,109	76,870
Explosives loadings supervised.....	1,592	1,060	1,060	1,070
Offshore enforcement: Sightings of foreign fishing vessels.....	13,634	14,655	15,000	15,250
Boating safety:				
Safety patrols (includes auxiliary)....	38,634	41,755	43,400	48,250
Public contacts through classroom instruction and courtesy motorboat examinations.....	802,422	620,000	680,000	755,000
Maritime environmental protection:				
Pollution patrols.....	1,800	2,100	2,100	2,710
Pollution violations reported.....	858	1,159	1,159	1,975

5. *Oceanography, meteorology, and polar operations.*—The Coast Guard participates in the National Marine Sciences program (14 U.S.C. 94), which is coordinated by the National Council on Marine Resources and Engineering Development. Its facilities cooperate with the Weather Bureau in taking weather observations from vessels manning seven ocean stations (14 U.S.C. 90). Icebreaking is performed by specially constructed icebreakers engaged in polar operations with other agencies (14 U.S.C. 2). Also included in this program is conduct of the International Ice Patrol (46 U.S.C. 738).

WORKLOAD DATA

	1969	1970	1971	1972
Ocean stations:				
Upper air meteorological observations...	8,760	9,240	9,620	9,620
Aircraft flights serviced.....	131,595	132,000	133,000	134,000
Polar operations and oceanographic activities:				
Measurement tons of cargo and fuel delivered via escorted ships and by icebreakers.....	174,900	184,450	191,700	191,700
Miles of ship survey track.....	239,000	208,000	216,000	216,000
Miles of aircraft survey track.....	75,000	83,000	83,000	83,000

6. *Military readiness and operations.*—The Coast Guard operates as a service in the Navy in times of war or national emergency at the direction of the President. During peacetime, an effective state of military preparedness is maintained through unit, multiship and joint naval training exercises and through other Coast Guard operations (14 U.S.C. 3). Included in this category are Coast Guard military operations in Vietnam.

7. *General support.*—Certain facilities of the Coast Guard provide overall direction and support of all Coast Guard programs. Included are training stations, supply facilities, and nonoperational services at headquarters and district offices.

General and special funds—Continued

OPERATING EXPENSES—Continued

Reimbursable program.—8. *Miscellaneous services for other accounts.*—The Coast Guard performs various functions for other agencies and accounts for which reimbursement is received.

Capehart family housing indebtedness.—The following informational schedule shows the status of the indebtedness assumed from Department of Defense for transfer of family housing units for assignment as public quarters. The analysis of the indebtedness is as follows (in thousands of dollars):

	1970 actual	1971 estimate	1972 estimate
Total debt incurred, start and end of year.	3,313	3,313	3,313
Debt retirement:			
(a) Prior years	—353	—484	—621
(b) Current year	—131	—137	—143
Total	—484	—621	—764
(c) Remaining debt, end of year	2,829	2,692	2,549

Note.—The Department of Defense retired \$602 thousand of the debt prior to transfer.

Object Classification (in thousands of dollars)

Identification code 21-15-0201-0-1-502	1970 actual	1971 est.	1972 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions	36,553	40,613	42,373
11.3 Positions other than permanent	1,009	1,029	1,029
11.5 Other civilian personnel compensation	452	465	465
11.7 Military personnel	173,573	182,000	185,164
Total personnel compensation	211,587	224,107	229,031
Personnel benefits:			
12.1 Civilian employees	3,365	4,121	4,472
12.2 Military personnel	49,802	52,218	52,986
21.0 Travel and transportation of persons	11,589	12,621	13,606
22.0 Transportation of things	8,703	9,466	10,505
23.0 Rent, communications, and utilities	11,954	12,937	14,357
24.0 Printing and reproduction	939	1,104	1,225
25.0 Other services	47,392	51,480	57,575
26.0 Supplies and materials	49,914	53,327	58,918
31.0 Equipment	12,526	13,568	15,057
32.0 Lands and structures	1,630	1,735	1,925
42.0 Insurance claims and indemnities	408	473	525
43.0 Interest and dividends	171	158	175
Total direct costs	409,981	437,315	460,357
94.0 Change in selected resources, net of unfunded adjustments	5,831		
Total direct obligations	415,811	437,315	460,357

Program and Financing (in thousands of dollars)

Identification code 21-15-0240-0-1-502	Costs to this appropriation			Analysis of 1972 financing		
	1970 actual	1971 estimate	1972 estimate	Deduct selected resources and unobligated balance, start of year ¹	Add selected resources and unobligated balance, end of year ¹	Appropriation required, 1972
Program by activities:						
Direct program:						
1. Vessels	28,303	55,142	26,857	52,228	40,817	15,446
2. Aircraft	14,474	27,171	17,530		11,834	29,364
3. Shore stations and navigational aids	19,292	15,784	29,315	19,332	26,637	36,620
4. Repair and supply facilities	8,218	5,443	11,700	9,345	5,415	7,770
5. Training and recruiting facilities	5,430	2,527	5,323	5,736	7,713	7,300
6. Alteration of bridges	6,927	7,387	1,500		1,500	3,000
Total direct program costs, funded	82,643	113,454	92,225	86,641	93,916	99,500

Reimbursable obligations:				
Personnel compensation:				
11.1	Permanent positions	28	20	89
11.3	Positions other than permanent	27	18	3
11.7	Military personnel	507	771	1,237
	Total personnel compensation	562	809	1,329
Personnel benefits:				
12.1	Civilian employees	4	2	7
12.2	Military personnel	100	162	291
21.0	Travel and transportation of persons	518	683	658
22.0	Transportation of things	108	143	138
23.0	Rent, communications, and utilities	150	198	191
24.0	Printing and reproduction	5	11	11
25.0	Other services	2,235	2,966	2,855
26.0	Supplies and materials	2,494	3,319	2,950
31.0	Equipment	2,790	3,705	3,568
42.0	Insurance claims and indemnities	2	2	2
	Total reimbursable costs	8,967	12,000	12,000
94.0	Change in selected resources	66		
	Total reimbursable obligations	9,033	12,000	12,000
99.0	Total obligations	424,845	449,315	472,357

Personnel Summary

Direct program:				
Military:				
	Total number of permanent positions	37,974	37,987	39,066
	Average number	36,812	37,014	37,442
Civilian:				
	Total number of permanent positions	4,685	4,943	5,128
	Full-time equivalent of other positions	196	198	198
	Average number of all employees	4,226	4,472	4,606
	Average GS grade	7.0	7.0	7.1
	Average GS salary	\$9,826	\$9,841	\$9,922
	Average salary of ungraded positions	\$8,183	\$8,844	\$8,841
Reimbursable program:				
Military:				
	Total number of permanent positions	75	131	182
	Average number	68	98	182
Civilian:				
	Total number of permanent positions	7	4	12
	Full-time equivalent of other positions	2	1	0
	Average number of all employees	5	5	9
	Average GS grade	7.0	7.0	7.1
	Average GS salary	\$9,826	\$9,841	\$9,922
	Average salary of ungraded positions	\$8,183	\$8,844	\$8,841

ACQUISITION, CONSTRUCTION, AND IMPROVEMENTS

For necessary expenses of acquisition, construction, rebuilding, and improvement of aids to navigation, shore facilities, vessels, and aircraft, including equipment related thereto; and services as authorized by 5 U.S.C. 3109; \$99,500,000, to remain available until expended. (Additional authorizing legislation to be proposed.)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Change in selected resources ¹	-16,875	1,839	12,207
Total direct obligations.....	65,768	115,293	104,432
Reimbursable program:			
1. Vessels.....	3,545	587	-----
7. Loran to meet Department of Defense requirements.....	4,201	4,595	739
Total reimbursable program costs, funded.....	7,746	5,182	739
Change in selected resources ¹	-6,415	136	-176
Total reimbursable obligations.....	1,331	5,318	563
10 Total obligations.....	67,099	120,611	104,995
Financing:			
Receipts and reimbursements from:			
11 Federal funds.....	57	-3,000	-----
14 Non-Federal sources (40 U.S.C. 481 (c)).....	-52	-100	-----
21 Unobligated balance available, start of year.....	-34,006	-34,602	-11,093
24 Unobligated balance available, end of year.....	34,602	11,093	5,598
40 Budget authority (appropriation).....	67,700	94,000	99,500
Relation of obligations to outlays:			
71 Obligations incurred, net.....	67,104	117,511	104,995
72 Obligated balance, start of year.....	97,603	79,794	113,805
74 Obligated balance, end of year.....	-79,794	-113,805	-125,800
90 Outlays.....	84,912	83,500	93,000

¹ Selected resources and unobligated balances as of June 30 are as follows:

Direct program:					
Selected resources:		1969	1970	1971	1972
Unpaid undelivered orders.....	85,561	69,594	76,111	88,318	
Advances.....	4,148	4,679	-----	-----	
Uncompleted work orders.....	1,440	-----	-----	-----	
Total selected resources.....	91,148	74,273	76,111	88,318	
Unobligated balance:					
Apportioned.....	27,924	14,812	-----	-----	
Reserve for obligations in subsequent years.....	1,967	17,011	10,530	5,598	
Total unobligated balance.....	29,891	31,823	10,530	5,598	
Total direct selected resources and unobligated balance.....	121,040	106,096	86,641	93,916	
Reimbursable program:					
Selected resources:					
Unpaid undelivered orders.....	3,273	492	739	563	
Advances.....	3,479	111	-----	-----	
Uncompleted work orders.....	266	-----	-----	-----	
Total selected resources.....	7,018	603	739	563	
Unobligated balance:					
Apportioned.....	4,115	1,168	563	-----	
Reserve for obligations in subsequent years.....	-----	1,612	-----	-----	
Total unobligated balance.....	4,115	2,780	563	-----	
Total reimbursable resources and unobligated balance.....	11,134	3,383	1,302	563	

This appropriation provides for the acquisition, construction, rebuilding, and improvements of vessels, aircraft, shore facilities, and aids to navigation.

Direct program.—1. Vessels.—Improvement of existing facilities includes major repairs to *Glacier* and procurement of equipment for restoration of two other icebreakers, operational improvements on the ice patrol vessel *Evergreen*; rehabilitation and improvements on nine buoy tenders and one high endurance cutter; and replacement communications equipment on several vessels. Shipboard sewage and galley waste treatment and/or holding systems will be installed in about 15% of the Coast Guard's vessels.

2. Aircraft.—This activity provides for the acquisition of nine replacement aircraft, and reactivation of six aircraft for pollution surveillance and replacement of wing sections on C-130 aircraft.

3. Shore stations and navigational aids.—The program under this activity includes projects to: (a) Replace and improve facilities at six locations; (b) relocate four stations; (c) provide housing for Coast Guard personnel

and their dependents in locations where living accommodations are inadequate; and (d) facilitate the design of future construction projects. The program for lighthouse automation and modernization will be continued in 1972. This activity provides for the establishment of and changes to aids to navigation marking river and harbor improvements effected by the U.S. Corps of Engineers, or other urgent needs. In the area of pollution abatement there are projects for procurement of pollution monitoring sensors, additional components for an existing air deliverable anti-pollution transfer system, an oil slick containment system, and construction of sewage disposal systems at several shore stations. The program for replacing obsolete loran-C equipment will continue in 1972.

4. Repair and supply facilities.—The expansion of repair facilities in 1972 provides for replacement of electronics repair facilities at Terminal Island, Calif., and Wildwood, N.J.; improvements to the existing barracks at Base, Honolulu, Hawaii; construction of a new barracks at Wildwood, N.J.; and improvements at four other locations. Projects at the Coast Guard Yard, Curtis Bay, Md., include improved

General and special funds—Continued

ACQUISITION, CONSTRUCTION, AND IMPROVEMENTS—Continued

electronics repair capability, replacement of one crane, and partial renewal of the west bulkhead.

5. *Training and recruiting facilities.*—Construction of new facilities in 1972 will include a barracks building at the Training Center, Yorktown, Va., and a physical sciences building at the Academy, New London, Conn. The heating plant at Recruit Training Center, Cape May, N.J., will be expanded.

6. *Alteration of bridges.*—The 1972 program also provides continued funding for alteration of bridges located near Chicago, Ill., and Wilmington, N.C.

Object Classification (in thousands of dollars)

Identification code 21-15-0240-0-1-502	1970 actual	1971 est.	1972 est.
COAST GUARD			
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	2,023	1,535	1,679
11.3 Positions other than permanent.....	36	25	25
11.5 Other civilian personnel compensation.....	16	22	22
11.7 Military personnel.....	997	829	917
Total personnel compensation.....	3,072	2,411	2,643
Personnel benefits:			
12.1 Civilian employees.....	185	130	134
12.2 Military personnel.....	263	219	242
21.0 Travel and transportation of persons.....	255	240	255
22.0 Transportation of things.....	57	60	75
23.0 Rent, communications, and utilities.....	17	25	35
24.0 Printing and reproduction.....	8	15	25
25.0 Other services.....	11,989	10,590	10,600
26.0 Supplies and materials.....	3,287	4,705	4,900
31.0 Equipment.....	34,863	45,884	42,316
32.0 Lands and structures.....	28,216	49,108	31,000
Total direct costs, funded.....	82,213	113,386	92,225
94.0 Change in selected resources.....	-16,875	1,839	12,207
Total direct obligations, Coast Guard.....	65,338	115,225	104,432
Reimbursable obligations:			
Personnel compensation:			
11.1 Permanent positions.....	38	43	50
11.7 Military personnel.....	258	102	102
Total personnel compensation.....	296	145	152
Personnel benefits:			
12.1 Civilian employees.....	3	4	4
12.2 Military personnel.....	67	22	22
21.0 Travel and transportation of persons.....	86	30	10
22.0 Transportation of things.....	25	20	10
23.0 Rent, communications, and utilities.....	1	1	1
25.0 Other services.....	248	170	60
26.0 Supplies and materials.....	176	150	25
31.0 Equipment.....	6,659	4,466	355
32.0 Lands and structures.....	184	175	100
Total reimbursable costs.....	7,746	5,182	739
94.0 Change in selected resources.....	-6,415	136	-176
Total reimbursable obligations.....	1,331	5,318	563
ALLOCATIONS TO GENERAL SERVICES ADMINISTRATION			
21.0 Travel and transportation of persons.....	1		
25.0 Other services.....	3		
32.0 Lands and structures.....	426	67	
Total direct costs, funded—obligations, allocations to General Services Administration.....	430	68	

Total direct obligations.....	65,768	115,293	104,432
99.0 Total obligations.....	67,099	120,611	104,995

Personnel Summary

Direct program:			
Military:			
Total number of permanent positions.....	109	94	109
Average number.....	116	94	109
Civilian:			
Total number of permanent positions.....	171	153	153
Full-time equivalent of other positions.....	5	2	2
Average number of all employees.....	187	125	135
Average GS grade.....	7.0	7.0	7.1
Average GS salary.....	\$9,826	\$9,841	\$9,922
Average salary of ungraded positions.....	\$8,183	\$8,844	\$8,841
Reimbursable program:			
Military:			
Total number of permanent positions.....	43	10	10
Average number.....	43	10	10
Civilian:			
Total number of permanent positions.....	5	4	4
Average number of all employees.....	3	3	4
Average GS grade.....	7.0	7.0	7.1
Average GS salary.....	\$9,826	\$9,841	\$9,922
Average salary of ungraded positions.....	\$8,183	\$8,844	\$8,841

RETIRED PAY

For retired pay, including the payment of obligations therefor otherwise chargeable to lapsed appropriations for this purpose, and payments under the Retired Serviceman's Family Protection Plan; \$71,000,000.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-15-0241-0-1-502	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Regular military personnel.....	56,434	62,106	68,469
2. Former Lighthouse and Lifesaving Services personnel.....	1,787	1,854	1,816
3. Reserve personnel.....	757	852	997
4. Survivor benefit payments.....	198	201	201
Total program costs.....	59,175	65,013	71,483
Unfunded adjustments: Deductions from retired pay.....	-474	-483	-483
10 Total program costs, funded—obligations (object class 13.0).....	58,701	64,530	71,000
Financing:			
Budget authority.....	58,701	64,530	71,000
Budget authority:			
40 Appropriation.....	58,750	64,530	71,000
41 Transferred to other accounts.....	-49		
43 Appropriation (adjusted).....	58,701	64,530	71,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	58,701	64,530	71,000
72 Obligated balance, start of year.....		73	73
74 Obligated balance, end of year.....	-73	-73	-73
77 Adjustments in expired accounts.....	-10		
90 Outlays.....	58,619	64,530	71,000

This appropriation provides for retired pay of military personnel of the Coast Guard and Coast Guard Reserve, members of the former Lighthouse and Lifesaving Services,

and for annuities payable to beneficiaries of retired military personnel under the Retired Serviceman's Family Protection Plan (10 U.S.C. 1431-1446).

Members are added to and removed from the rolls each month. The average numbers on the rolls will rise in 1972 and will continue to rise in future years. The actual number on the rolls at the end of 1970 was 13,936 and the number estimated to be on the rolls at the end of 1971 and 1972 is 14,529 and 15,180, respectively. The following tabulation shows the average number of personnel on the rolls during 1970 compared with estimated numbers for 1971 and 1972.

Category	AVERAGE NUMBER		
	1970 actual	1971 estimate	1972 estimate
Enlisted men	8,742	9,070	9,604
Commissioned officers	2,662	2,679	2,712
Warrant officers	1,736	1,829	1,881
Former Lighthouse and Lifesaving Services personnel	426	402	378
Reserve personnel	272	301	334
Total	13,838	14,281	14,909

Under the provisions of the Retired Serviceman's Family Protection Plan, retired Coast Guard military personnel who elect to receive reduced amounts of retired pay may provide for monthly payments to their survivors. Appropriation requirements are reduced by the difference between the amount deducted from retired pay and the amount paid as survivors' benefits. The liability for future payments is not funded. The analysis of the accumulated deductions is as follows (in thousands of dollars):

	1970 actual	1971 estimate	1972 estimate
Accumulated deductions, net start of year	2,864	3,140	3,422
Current deductions during the year	474	483	483
Payments of survivors' benefits	-198	-201	-201
Accumulated deductions net, end of year	<u>3,140</u>	<u>3,422</u>	<u>3,704</u>

Proposed for separate transmittal, existing legislation:

RETIREMENT PAY

Program and Financing (in thousands of dollars)

Identification code 21-15-0241-1-1-502	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Regular military personnel		1,927	
3. Reserve personnel		43	
10 Total program costs, funded—obligations		<u>1,970</u>	
Financing:			
40 Budget authority (proposed supplemental appropriation)		<u>1,970</u>	
Relation of obligations to outlays:			
71 Obligations incurred, net		<u>1,970</u>	
90 Outlays		<u>1,970</u>	

Additional funds are required for 1971 to cover increased costs of military retired pay effective on August 1, 1970, authorized June 23, 1970, under continuing provisions of 10 U.S.C. 1401a. Those who were entitled to military retired pay before April 15, 1970, were entitled to a 5.6% increase in their retired pay. In addition, those who became or become entitled to retired pay on or after

April 15, 1970, will be entitled to an increase of 2.5% effective August 1, 1970, or on the first day for which they are entitled to retired pay, whichever is the later.

RESERVE TRAINING

For all necessary expenses for the Coast Guard Reserve, as authorized by law, including repayment to other Coast Guard appropriations for indirect expenses, for regular personnel, or reserve personnel while on active duty, engaged primarily in administration and operation of the reserve program; maintenance and operation of facilities; and supplies, equipment, and services; \$10,000,000: Provided, That amounts equal to the obligated balances against the appropriations for "Reserve training" for the two preceding years shall be transferred to and merged with this appropriation, and such merged appropriation shall be available as one fund, except for accounting purposes of the Coast Guard, for the payment of obligations properly incurred against such prior year appropriations and against this appropriation. (Additional authorizing legislation to be proposed.)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-15-0242-0-1-502	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Initial training	3,100	231	
2. Continuing training	12,292	11,805	4,380
3. Operation and maintenance of training facilities	7,346	8,429	2,695
4. Administration	4,352	3,935	2,925
Total program costs	<u>27,090</u>	<u>24,400</u>	<u>10,000</u>
Change in selected resources ¹	260		
10 Total obligations	<u>27,350</u>	<u>24,400</u>	<u>10,000</u>
Financing:			
25 Unobligated balance lapsing		1,500	
Budget authority	27,350	25,900	10,000
Budget authority:			
40 Appropriation	26,900	25,900	10,000
40 Pay increase (Public Law 91-305)	450		
Relation of obligations to outlays:			
71 Obligations incurred, net	27,350	24,400	10,000
72 Obligated balance, start of year	832	1,466	1,466
74 Obligated balance, end of year	-1,466	-1,466	-1,466
77 Adjustments in expired accounts	-23		
90 Outlays	<u>26,693</u>	<u>24,400</u>	<u>10,000</u>

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$75 thousand (1970 adjustments, -\$23 thousand); 1970, \$312 thousand; 1971, \$312 thousand; 1972, \$312 thousand.

The Coast Guard Selected Reserve training program will be phased out by June 30, 1972. After that date support needed to meet any requirements now the responsibility of the Selected Reserve will be funded as an element of Navy Reserve appropriations. Costs of the reserve training program are distributed to activities as follows:

1. *Initial training.*—Direct costs associated with enlisted trainees performing only 5 months' or 5 to 11 months' initial training duty are programed under this activity. The 5-month element includes trainees who do not attend class A school but receive 3 months' post-recruit training at various operating units. The 5- to 11-month element includes trainees who will attend class A school and whose period of initial training duty is governed by the length of the class A school plus recruit training.

General and special funds—Continued

RESERVE TRAINING—Continued

2. *Continuing training.*—Direct costs of officer and enlisted trainees for drill and annual active duty for training are programed under this activity.

3. *Operation and maintenance of training facilities.*—All costs for the operation and maintenance of Reserve training facilities are programed under this activity. Included are the costs of three training vessels, the prorated share of the cost of joint usage of Coast Guard and other Armed Forces facilities, the cost of providing station-keeper support to the organized Reserve training units, and the procurement of training aids and facilities (under \$50 thousand).

4. *Administration.*—This activity encompasses all administrative costs of the Reserve training program.

MAN-DAYS OF TRAINING

	1969 actual	1970 actual	1971 estimate	1972 estimate
1. Initial training: Active duty/or active duty for training.....	381,289	377,401	8,280	-----
2. Continuing training:				
Selected Reserve:				
48 paid drills and 14 days' active duty for training:				
Drill training.....	707,981	659,678	590,746	190,074
Active duty for training.....	207,534	184,516	178,464	79,937
Other Ready Reserve:				
Nonpaid drill and/or 14 days' paid active duty for training:				
Drill training.....	18,390	19,353	19,000	9,500
Active duty for training.....	2,810	3,162	2,425	150

Object Classification (in thousands of dollars)

Identification code 21-15-0242-0-1-502	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	1,290	1,127	734
11.3 Positions other than permanent.....	27	17	17
11.5 Other civilian personnel compensation.....	7	1	1
11.7 Military personnel.....	18,241	16,545	2,857
Total personnel compensation.....	19,564	17,690	3,609
Personnel benefits:			
12.1 Civilian employees.....	107	91	60
12.2 Military personnel.....	1,808	2,371	627
21.0 Travel and transportation of persons.....	1,092	857	1,110
22.0 Transportation of things.....	188	162	191
23.0 Rent, communications, and utilities.....	260	225	265
24.0 Printing and reproduction.....	33	28	33
25.0 Other services.....	1,481	1,139	1,506
26.0 Supplies and materials.....	2,273	1,592	2,311
31.0 Equipment.....	279	241	284
42.0 Insurance claims and indemnities.....	4	4	4
Total costs.....	27,090	24,400	10,000
94.0 Change in selected resources.....	260	-----	-----
99.0 Total obligations.....	27,350	24,400	10,000

Personnel Summary

Military:			
Total number of permanent positions.....	1,002	977	185
Average number.....	1,002	979	412
Civilian:			
Total number of permanent positions.....	164	168	102
Full-time equivalent of other positions.....	6	4	4
Average number of all employees.....	180	144	105
Average GS grade.....	7.0	7.0	7.1
Average GS salary.....	\$9,826	\$9,841	\$9,922
Average salary of ungraded positions.....	\$8,183	\$8,844	\$8,841

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

For necessary expenses, not otherwise provided for, for basic and applied scientific research, development, test, and evaluation; services as authorized by 5 U.S.C. 3109; maintenance, rehabilitation, lease, and operation of facilities and equipment, as authorized by law; \$17,600,000, to remain available until expended. (Additional authorizing legislation to be proposed.)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-15-0243-0-1-502	1970 actual	1971 est.	1972 est.
Program by activities:			
Direct program:			
1. Search and rescue.....	385	1,103	1,600
2. Aids to navigation.....	449	954	2,019
3. Marine safety.....	533	661	1,091
4. Marine law enforcement.....	2,006	4,394	6,547
5. Oceanography, meteorology, and polar operations.....	1,955	4,120	827
6. Program support.....	1,571	1,855	3,100
Total direct program costs, funded.....	6,899	13,087	15,184
Change in selected resources ¹	3,165	-168	2,316
Total direct obligations.....	10,064	12,919	17,500
Reimbursable program:			
1. Search and rescue.....	-----	-----	260
2. Aids to navigation.....	-----	20	-----
5. Oceanography, meteorology, and polar operations.....	100	-----	-----
Total reimbursable program costs, funded.....	100	20	260
Change in selected resources ¹	-60	-----	250
Total reimbursable obligations.....	40	20	510
10 Total obligations.....	10,104	12,939	18,010
Financing:			
11 Receipts and reimbursements from: Federal funds.....	-60	-----	-510
21 Unobligated balance available, start of year.....	-132	-4,588	-----
23 Unobligated balance transferred to other accounts.....	-----	1,149	-----
24 Unobligated balance available, end of year.....	4,588	-----	-----
Budget authority.....	14,500	9,500	17,500
Budget authority:			
40 Appropriation.....	14,500	22,500	17,500
41 Transferred to other accounts.....	-----	-13,000	-----
43 Appropriation (adjusted).....	14,500	9,500	17,500
Relation of obligations to outlays:			
71 Obligations incurred, net.....	10,044	12,939	17,500
72 Obligated balance, start of year.....	2,169	6,446	9,885
74 Obligated balance, end of year.....	-6,446	-9,885	-7,385
90 Outlays.....	5,767	9,500	20,000

¹ Selected resources and unobligated balances as of June 30 are as follows:

	1969	1970	1971	1972
Direct program:				
Selected resources:				
Unpaid undelivered orders.....	1,971	5,166	5,084	7,400
Advances.....	104	86	-----	-----
Uncompleted work orders.....	12	-----	-----	-----
Total selected resources.....	2,087	5,252	5,084	7,400
Unobligated balance.....	132	4,568	-----	-----
Total selected resources and unobligated balance.....	2,219	9,820	5,084	7,400

Reimbursable program:			
Selected resources:			
Unpaid undelivered orders....	60	----	250
Unobligated balance.....	----	20	----
Total selected resources and unobligated balance.....			
	60	20	250

Note.—Excludes \$13,000 thousand in 1971 and \$13,957 thousand in 1972 for activities transferred to Research, development, and facilities, National Oceanic and Atmospheric Administration 1970, \$6,500 thousand.

This appropriation provides for the management and conduct of research, development, test, and evaluation; including the necessary support facilities, services, and personnel.

1. *Search and rescue.*—Present means and equipment to alert the Coast Guard to a distress incident, define its location, plan and execute the search, and rescue the persons or save the property need improvement to permit rapid, effective, all-weather, day and night response. The 1972 program will expand on previous efforts to: (a) provide a real-time means of notification of the distress incident; (b) provide the detection equipment (systems) capable of detecting small boats in distress at greater ranges, and with higher probability of detection under all-weather conditions, 24 hours a day; (c) provide accurate knowledge of the drift and leeway characteristics of small boats; (d) apply computer technology to the solution of the search problem; and (e) improve the effectiveness of our rescue vehicles and their equipment, particularly under adverse weather conditions.

Improvement in performance in these areas will result in reductions in loss of life and property at sea, and reductions in facility workloads.

Ship operations in ice-covered waters such as the Great Lakes and western rivers are limited by a number of factors. Factors which relate directly to Coast Guard responsibilities are the lack of suitably designed and constructed icebreakers and commercial vessels; adequate aids to navigation system for ice-covered waters; and a complete understanding of the formation, strength, and movement of ice, particularly as it relates to ship design and ship routing. The 1972 program will continue previous years' small scale efforts in all of these areas.

A 1969 survey by the Corps of Engineers has indicated that substantial benefits can accrue from extension of the shipping season on the Great Lakes.

2. *Aids to navigation.*—The present aids to navigation system in the harbors and coastal areas does not provide sufficiently accurate position information during periods of low visibility nor does it provide the mariner with information on possibly conflicting marine traffic. Available technology can also be applied to substantially reduce the size and weight of the floating buoys and their moorings. The 1972 program includes funds for further development of systems to reduce the navigation and marine traffic problems in the harbor and coastal confluence areas as well as funds to substantially accelerate and expand our work in the development of a family of lightweight buoys, associated equipment, and servicing facilities.

Improvement in aids to navigation and marine traffic information systems in harbor areas and their approaches can substantially reduce damage to vessels from collisions and groundings and the threat of pollution to the marine environment. Development of and conversion to a lightweight buoy system can yield substantial savings in terms of reductions in the size of future tenders, their crews, and other support facilities.

3. *Marine safety.*—The increasing size and variety of vessels and their transport of larger and more hazardous cargoes requires a continuous and expanding program of research and development in marine science and marine

technology to meet Coast Guard responsibilities for merchant marine safety.

The 1972 program will continue and expand on activities intended to: (a) develop safety standards for non-military submersibles; (b) develop better understanding of constraints which should be applied in loading hazardous cargoes, the consequence if intermixed or spilled, and corrective action and equipment needed to ameliorate the spill; (c) develop new concepts where applicable as well as better understanding of the strength and stability factors affecting the design and operation of new vessels and barges, emphasizing the need to minimize the chances of pollution from collision or grounding; (d) continue development and testing of improved materials and equipment to detect, extinguish, and resist marine fires; and (e) continue the analysis of marine accidents to evaluate the impact of human and material factors and identify the areas where improvements are needed.

Shipments by water of hazardous materials and petroleum products are increasing at a great rate. The consequence of the collisions of vessels (93 involving tankships and 354 involving tank barges in 1970) must be reduced if we are to protect our people, their property, and the environment.

4. *Marine law enforcement.*—The Coast Guard's law enforcement responsibilities require that it have the capability to monitor, detect, contain, and recover spills of oil and other hazardous materials in U.S. waters. In addition, the Coast Guard is responsible for regulations regarding marine transportation of all hazardous materials (over 200 items), as well as abatement of pollution from its own vessels, boats, aircraft, and shore facilities. New developments and application of new and existing technology are needed to meet these responsibilities.

In 1972 the Coast Guard will continue prior years' efforts to develop: (a) airborne sensors able to detect and identify oil spills and other hazardous material; (b) a prototype pollutant monitoring system designed to utilize existing Coast Guard platforms and buoys; (c) containment and recovery systems for spills of petroleum and other hazardous materials (particularly for exposed waters); (d) a hazardous material information system to support emergency and routine operations; and (e) pollution abatement equipment for vessels, boats, aircraft, and shore facilities which meets Federal water and air pollution standards.

Present damage and hazards to the public and costs resulting from large-scale spills can be materially reduced through a successful development program.

Accident statistics clearly identify the need to apply science and technology to reducing boating accidents. Programs for 1972 will continue and expand prior years' activities to: (a) develop more effective means of warning the boaters of unsafe operating conditions; (b) analyze, test, and evaluate small boat design and construction practices as well as equipment reliability and effectiveness in order to establish reasonable and safe regulations.

Successful development in these areas could significantly reduce the sea-air rescue workload and save lives and property.

5. *Oceanography, meteorology, and polar operations.*—The work in this area is primarily intended to support the marine science requirements of the Coast Guard in meeting other statutory responsibilities.

The 1972 work will continue and expand on prior years' efforts with particular emphasis on meeting law enforcement responsibilities relating to pollution.

General and special funds—Continued

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION—Continued

Included in the 1972 program are: (a) work in connection with developing a better understanding of the fate, behavior, and dispersion of transportation-induced hazardous materials into the marine environment, particularly petroleum products; (b) efforts to develop better understanding of formation, strength, and movement of ice as it relates to design and navigation of ships in ice-covered waters; (c) efforts to develop and test equipment for airborne reconnaissance systems for measuring ice coverage, strength, and movement; and (d) work to develop more complete understanding of the effects of sea currents and winds on the movements of spills and distressed boats, including development of air deployable surface current meters.

Successful developmental efforts can significantly reduce the adverse effects of large-scale spills of hazardous materials; increase the success of saving lives and property, and reduce resource requirements; and enhance the capability for marine transport on ice-covered waters such as the Great Lakes and western rivers.

A new project in this area is to analyze and develop new concepts for replacing the present Ocean Station Vessels, using either smaller vessels or floating semistable platforms. Preliminary studies of this problem by the Coast Guard Academy have identified large potential annual savings in the cost of operating these stations.

Object Classification (in thousands of dollars)

Identification code 21-15-0243-0-1-502	1970 actual	1971 est.	1972 est.
Direct obligations:			
Personnel compensation:			
11.1 Permanent positions.....	332	866	923
11.3 Positions other than permanent....	7	7	-----
11.5 Other civilian personnel compensation.....	1	1	1
11.7 Military personnel.....	785	815	922
Total personnel compensation....	1,125	1,689	1,846
Personnel benefits:			
12.1 Civilian employees.....	23	74	78
12.2 Military personnel.....	195	195	279
21.0 Travel and transportation of persons....	199	208	210
22.0 Transportation of things.....	66	79	105
23.0 Rent, communications, and utilities....	27	59	65
25.0 Other services.....	4,552	10,303	11,921
26.0 Supplies and materials.....	182	120	200
31.0 Equipment.....	530	360	480
Total direct costs.....	6,899	13,087	15,184
94.0 Change in selected resources.....	3,165	-168	2,316
Total direct obligations.....	10,064	12,919	17,500
Reimbursable obligations:			
25.0 Other services (costs).....	100	20	260
94.0 Change in selected resources.....	-60	-----	250
Total reimbursable obligations....	40	20	510
99.0 Total obligations.....	10,104	12,939	18,010

Personnel Summary

Military:			
Total number of positions.....	81	74	99
Average number.....	81	85	99
Civilian:			
Total number of permanent positions.....	34	53	78
Full-time equivalent of other positions.....	1	1	0

Average number of all employees.....	22	51	75
Average GS grade.....	7.0	7.0	7.1
Average GS salary.....	\$9,826	\$9,841	\$9,922
Average salary of ungraded positions.....	\$8,183	\$8,844	\$8,841

OIL POLLUTION FUND

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-15-5168-0-2-502	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Operating costs, funded—obligations (object class 25.0).....	-----	10,000	15,000
Financing:			
14 Receipts and reimbursement from: Non-Federal sources (Public Law 91-224) ..	-----	-3,000	-10,000
21 Unobligated balance available, start of year.....	-----	-----	-13,500
24 Unobligated balance available, end of year.....	-----	13,500	9,500
Budget authority.....	-----	20,500	1,000
Budget authority:			
Appropriation:			
40 Current.....	-----	20,000	-----
60 Permanent.....	-----	500	1,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-----	7,000	5,000
72 Obligated balance, start of year.....	-----	-----	4,500
74 Obligated balance, end of year.....	-----	-4,500	-4,500
90 Outlays.....	-----	2,500	5,000

This fund was established under section 11(k) of the Federal Water Pollution Control Act, as amended by Public Law 91-224, to insure immediate cleanup of oil or other hazardous polluting substances spilled into the navigable waters of the United States, adjoining shorelines, or waters of the contiguous zone. The fund will be used when a spill occurs and the responsible vessel owner or facility operator (whether in the public or private sector) is not in a position to accomplish immediate cleanup with his own resources. Expenditures from the fund will later be reimbursed by the responsible owner or operator (if within the private sector). In addition, all fines assessed under sections 11 and 12 of the Federal Water Pollution Control Act, as amended, will be deposited into the fund.

Intragovernmental funds:

COAST GUARD SUPPLY FUND

Program and Financing (in thousands of dollars)

Identification code 21-15-4535-0-4-502	1970 actual	1971 est.	1972 est.
Program by activities:			
Operating costs, funded: Cost of goods sold.....	31,563	32,553	34,102
Change in selected resources ¹	175	422	68
10 Total obligations (object class 26.0) ..	31,738	32,975	34,170
Financing:			
Receipts and reimbursements from:			
11 Federal funds:			
Revenue.....	-31,063	-31,097	-32,432
Change in unfiled customers' orders on hand.....	-33	-50	-----

14	Non-Federal sources (14 U.S.C. 487) ..	-1,381	-1,520	-1,670
21	Unobligated balance available, start of year	-156	-895	-587
24	Unobligated balance available, end of year	895	587	519

Budget authority-----

Relation of obligations to outlays:				
71	Obligations incurred, net.....	-738	308	68
72	Obligated balance, start of year.....	1,727	1,666	1,869
74	Obligated balance, end of year.....	-1,666	-1,869	-1,937

90	Outlays.....	-677	105	-----
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¹ Selected resources as of June 30 are as follows:

	1969	1970	1971	1972
Stores.....	8,507	9,235	9,458	9,548
Unpaid undelivered orders.....	2,534	1,981	2,180	2,158
Total selected resources....	11,041	11,216	11,638	11,706

The Coast Guard supply fund, in accordance with 14 U.S.C. 650, finances the procurement of uniform clothing, commissary provisions, general stores, and technical material. The fund is financed by reimbursements from sale of goods.

Activity of approximately \$34 million in this fund in 1972 is divided 8% for uniform clothing, 51% for commissary provisions, and 41% for general stores and technical materials.

Increase in 1972 over 1971 is a result of an increase in stocking of engine parts and electronics.

COAST GUARD YARD FUND

Program and Financing (in thousands of dollars)

Identification code 21-15-4743-0-4-502	1970 actual	1971 est.	1972 est.
Program by activities:			
Operating costs, funded:			
Cost of goods sold.....	5,834	4,094	4,000
Other.....	12,122	12,712	13,100
Total operating costs.....	17,957	16,805	17,100
Capital outlay, funded: Purchase of equipment.....			
	95	148	170
Total program costs, funded.....	18,052	16,953	17,270
Change in selected resources ¹	144	-943	-852
Adjustment in selected resources (donated raw materials).....	20	15	11
10 Total obligations.....	18,216	16,026	16,429
Financing:			
Receipts and reimbursements from:			
11 Federal funds:			
Sale of goods and services.....	-18,048	-16,972	-17,276
Change in unfilled customers' orders on hand.....	2,432	2,883	1,000
14 Non-Federal sources:			
Sale of scrap and excess material (14 U.S.C. 648).....	-31	-33	-30
Proceeds from sale of equipment (40 U.S.C. 481(c)).....	-14	-17	-20
21 Unobligated balance available, start of year	-5,653	-3,097	-1,210
24 Unobligated balance available, end of year	3,097	1,210	1,107

Budget authority-----

Relation of obligations to outlays:				
71	Obligations incurred, net.....	2,556	1,887	103
72	Obligated balance, start of year.....	4,814	3,726	2,290
74	Obligated balance, end of year.....	-3,726	-2,290	-1,943

90	Outlays.....	3,644	3,323	450
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¹ Selected resources as of June 30 are as follows:

	1969	1970	1971	1972
Stores.....	3,226	3,490	2,960	2,608
Unpaid undelivered orders.....	3,533	3,413	3,000	2,500
Total selected resources....	6,759	6,903	5,960	5,108

This fund finances industrial operations at the Coast Guard Yard, Curtis Bay, Md. (14 U.S.C.). The yard finances its operations out of advances received from Coast Guard appropriations and from other agencies for all direct and indirect costs.

ANALYSIS BY TYPE OF WORK

	[Percent]			
	1969 actual	1970 actual	1971 estimate	1972 estimate
Vessel repairs and alterations.....	30	38	50	51
Vessel construction.....	34	32	15	5
Small boat repairs and construction.....	18	11	11	18
Buoy fabrication.....	4	6	7	7
Fabrication of special items.....	11	10	7	9
Miscellaneous.....	3	3	10	10
Total.....	100	100	100	100

ANALYSIS BY RECIPIENT OF YARD SERVICES

	[Percent]			
	1969 actual	1970 actual	1971 estimate	1972 estimate
Coast Guard.....	95	93	96	96
Other Government agencies.....	5	7	4	4
Total.....	100	100	100	100

Object Classification (in thousands of dollars)

Identification code 21-15-4743-0-4-502	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	9,293	9,799	10,146
11.3 Positions other than permanent.....	54	71	71
11.5 Other civilian personnel compensation.....	554	554	554
11.7 Military personnel.....	239	234	236
Total personnel compensation....	10,141	10,657	11,007
Personnel benefits:			
12.1 Civilian employees.....	767	807	834
12.2 Military personnel.....	63	60	61
13.0 Benefits for former personnel.....	4	5	6
21.0 Travel and transportation of persons.....	10	9	9
22.0 Transportation of things.....	169	175	180
23.0 Rent, communications, and utilities.....	383	385	390
24.0 Printing and reproduction.....	5	5	5
25.0 Other services.....	300	295	297
26.0 Supplies and materials.....	6,114	4,407	4,311
31.0 Equipment.....	95	148	170
Total costs, funded.....	18,052	16,953	17,270
94.0 Change in selected resources.....	144	-943	-852
Adjustment in selected resources.....	20	15	11
99.0 Total obligations.....	18,216	16,026	16,429

Personnel Summary

Military:			
Total number of permanent positions.....	32	30	30
Average number.....	32	30	30
Civilian:			
Total number of permanent positions.....	1,138	1,138	1,138
Full-time equivalent of other positions.....	8	10	10
Average number of all employees.....	1,111	1,071	1,065
Average GS grade.....	7.0	7.0	7.1
Average GS salary.....	\$9,826	\$9,841	\$9,922
Average salary of ungraded positions.....	\$8,183	\$8,844	\$8,841

Trust Funds

COAST GUARD GENERAL GIFT FUND (TRUST ACCOUNT)

Program and Financing (in thousands of dollars)

Identification code 21-15-8533-0-7-502	1970 actual	1971 est.	1972 est.
Program by activities:			
Training facilities (program costs, funded).....	48	38	30
Change in selected resources ¹	-1	-----	-----
10 Total obligations.....	47	38	30

COAST GUARD GENERAL GIFT FUND (TRUST ACCOUNT)—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 21-15-8533-0-7-502	1970 actual	1971 est.	1972 est.
Financing:			
21 Unobligated balance available, start of year:			
Treasury balance.....	-32	-16	-10
U.S. securities (par).....	-10	-10	-10
24 Unobligated balance available, end of year:			
Treasury balance.....	16	10	10
U.S. securities (par).....	10	10	10
60 Budget authority (appropriation) (permanent).....	31	32	30
Relation of obligations to outlays:			
71 Obligations incurred, net.....	47	38	30
72 Obligated balance, start of year.....	3	6	5
74 Obligated balance, end of year.....	-6	-5	-5
90 Outlays.....	45	38	30

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$4 thousand; 1970, \$3 thousand; 1971, \$3 thousand; 1972, \$3 thousand.

This trust fund, maintained from gifts and bequests, is used for purposes as specified by the donor in connection with the Coast Guard training program (10 U.S.C. 2601).

Object Classification (in thousands of dollars)

Identification code 21-15-8533-0-7-502	1970 actual	1971 est.	1972 est.
24.0 Printing and reproduction.....	4		
25.0 Other services.....	18	15	10
26.0 Supplies and materials.....	15	13	12
31.0 Equipment.....	11	10	8
Total costs, funded.....	48	38	30
94.0 Change in selected resources.....	-1		
99.0 Total obligations.....	47	38	30

COAST GUARD CADET FUND (TRUST REVOLVING FUND)

Program and Financing (in thousands of dollars)

Identification code 21-15-8428-0-8-502	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Operating costs, funded.....	2,534	2,523	2,757
2. Capital outlays—Purchase of non-Federal securities.....	11	15	18
10 Total program costs, funded—obligations.....	2,545	2,538	2,775
Financing:			
Receipts and reimbursements from:			
11 Federal funds.....	-2,203	-2,300	-2,500
14 Non-Federal sources.....	-506	-262	-287
21 Unobligated balance available, start of year: ¹			
Treasury balance.....	-77	-244	-262
U.S. securities (par).....	-27	-24	-29
24 Unobligated balance available, end of year:			
Treasury balance.....	244	262	270
U.S. securities (par).....	24	29	33
Budget authority.....			

Relation of obligations to outlays:

71 Obligations incurred, net.....	-165	-24	-12
72 Obligated balance or receivables in excess of obligations, start of year.....	65	-42	-50
74 Receivables in excess of obligations, end of year.....	42	50	42
90 Outlays.....	-57	-16	-20

¹ Adjusted to include cash in banks and U.S. securities (par).

The Coast Guard cadet fund is utilized by the Superintendent of the Coast Guard Academy to receive, plan, control, and expend personal funds of Coast Guard cadets. By use of the fund each cadet is assured funds to meet personal expenses while at the Academy and an adequate balance in his account at graduation for officer outfits, civilian clothing, and graduation leave expenses. The fund also receives and expends funds of the Coast Guard Academy Athletic Association.

Object Classification (in thousands of dollars)

Identification code 21-15-8428-0-8-502	1970 actual	1971 est.	1972 est.
21.0 Travel and transportation of persons.....	32	30	36
25.0 Other services.....	1,208	1,200	1,350
26.0 Supplies and materials.....	1,294	1,293	1,371
33.0 Investments and loans.....	11	15	18
99.0 Total obligations.....	2,545	2,538	2,775

COAST GUARD SURCHARGE COLLECTIONS, SALES OF COMMISSARY STORES (TRUST REVOLVING FUND)

Program and Financing (in thousands of dollars)

Identification code 21-15-8420-0-8-502	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Operation and maintenance (costs—obligations).....	44	42	46
Financing:			
14 Receipts and reimbursements from: Non-Federal sources (14 U.S.C. 487).....			
21 Unobligated balance available, start of year.....	-23	-18	-18
24 Unobligated balance available, end of year.....	18	18	18
Budget authority.....			

Relation of obligations to outlays:

71 Obligations incurred, net.....	6		
72 Obligated balance or receivables in excess of obligations, start of year.....	-4	1	1
74 Obligated balance, end of year.....	-1	-1	-1
90 Outlays.....			

This trust revolving fund is used to finance expenses incurred in connection with the operation of the Coast Guard commissary store at New York Base, Governors Island, N. Y. Revenue is derived from a surcharge placed on sales to authorized store patrons (14 U.S.C. 487).

Object Classification (in thousands of dollars)

Identification code 21-15-8420-0-8-502	1970 actual	1971 est.	1972 est.
23.0 Rent, communications, and utilities.....	6	7	7
25.0 Other services.....	9	10	11
26.0 Supplies and materials.....	22	17	19
31.0 Equipment.....	8	8	9
99.0 Total obligations.....	44	42	46

FEDERAL AVIATION ADMINISTRATION

The Airport and Airway Development and Revenue Act of 1970 established an airport and airway trust fund. All activities previously financed from "Operations," "Facilities and equipment," "Research and development," and "Grants-in-aid for airports," except safety regulation activities will be financed from this trust fund. A new appropriation for "Safety regulation" has been established and the previous accounts for "Facilities and equipment" and "Research and development" are consolidated into a new account, "Airway system investment and development." Since the revenues from user taxes do not equal the full costs of the authorized program, a Federal fund payment to the trust fund will be required. The appropriations for National Capital Airports will continue to be financed from Federal funds.

The following table briefly depicts the source of financing for all FAA programs, for which more detail is furnished in the ensuing budget schedules.

	[Dollars in millions]		
	1970	1971	1972
Budget authority:			
Bureau of National Capital Airports	12	18	31
Federal payment to the airport and airway trust fund (intragovernmental payment)			(293)
Safety regulation		1	113
Operations	845	1,003	992
Trust fund portion		(34)	(992)
Airway system investment and development	265	307	323
Trust fund portion		(72)	(323)
Grants-in-aid for airports	920	10	15
Trust fund portion	(840)	(10)	(15)
Totals	2,042	1,339	1,474
Outlays:			
Bureau of National Capital Airports	11	15	21
Aviation war risk insurance revolving fund	(*)	-7	-7
Federal payment to the airport and airway trust fund (intragovernmental payment)			(293)
Safety regulation			108
Operations	829	990	978
Trust fund portion		(88)	(978)
Airway system investment and development	152	223	283
Trust fund portion		(149)	(283)
Grants-in-aid for airports	83	134	147
Trust fund portion		(134)	(147)
Totals	1,075	1,355	1,530

* Less than \$500 thousand.

Federal Funds

General and special funds:

OPERATION AND MAINTENANCE, NATIONAL CAPITAL AIRPORTS

For expenses incident to the care, operation, maintenance, improvement and protection of the federally owned civil airports in the vicinity of the District of Columbia, including purchase of eight passenger motor vehicles for police use, of which seven are for replacement only; and arms and ammunition; \$11,200,000.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-20-1332-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
Operating costs, funded:			
1. Washington National Airport:			
(a) Terminal area	1,831	1,947	1,914
(b) Landing area	1,407	1,765	1,869
(c) Hangar area	728	800	860
(d) Operating area	251	256	286
(e) Other areas	276	311	331
Total	4,493	5,079	5,260

2. Dulles International Airport:			
(a) Terminal area	1,624	1,714	1,676
(b) Landing area	1,442	1,549	1,674
(c) Hangar area	81	100	92
(d) Operating area	1,784	1,920	1,793
(e) Other areas	195	321	379
Total	5,126	5,604	5,614
Total operating costs	9,619	10,683	10,874
Capital outlay, funded:			
1. Washington National Airport	238	239	201
2. Dulles International Airport	235	182	137
Total capital outlay	473	421	338
Total program costs, funded	10,092	11,104	11,212
Change in selected resources:¹			
1. Washington National Airport	6	-65	-6
2. Dulles International Airport	55	-39	-6
Total change in selected resources	61	-104	-12
10 Total obligations	10,153	11,000	11,200
Financing:			
30 Deficiency	-3		
Budget authority	10,150	11,000	11,200

Budget authority:			
40 Appropriation	10,050	10,500	11,200
40 Pay increase (Public Law 91-305)	100		
44.10 Proposed supplemental for wage-board increases		208	
44.20 Proposed supplemental for civilian pay act increases		292	
Relation of obligations to outlays:			
71 Obligations incurred, net	10,153	11,000	11,200
72 Obligated balance, start of year	1,094	1,417	1,617
74 Obligated balance, end of year	-1,417	-1,617	-1,817
77 Adjustments in expired accounts	-7		
83 Deficiency, in expired account, start of year		-3	
85 Deficiency		3	
90 Outlays, excluding pay increase supplemental	9,823	10,336	10,964
91.10 Outlays from wage-board supplemental		187	21
91.20 Outlays from civilian pay act supplemental		277	15

¹ Selected resources as of June 30 are as follows:

	1969 actual	1970 actual	1971 estimate	1972 estimate
Washington National Airport:				
Stores	151	133	124	124
Unpaid undelivered orders	366	423	366	360
Accrued annual leave	-338	-371	-370	-370
Total selected resources	179	185	120	114
Dulles International Airport:				
Stores	365	373	362	362
Unpaid undelivered orders	319	408	380	374
Accrued annual leave	-345	-387	-387	-387
Total selected resources	339	394	355	349

This appropriation finances management, operations, maintenance, and capital outlay costs for equipment and facility projects at the federally owned Washington National and Dulles International Airports which serve the National Capital Area.

The operation of the airports is conducted on a business basis with revenues derived from landing fees, concession activity, and lease arrangements deposited as receipts in the general fund of the Treasury. The direct operating costs and capital outlay are financed by direct appropriation.

General and special funds—Continued

OPERATION AND MAINTENANCE, NATIONAL CAPITAL AIRPORTS—Con.

The following statements reflect financial results of the two airports. Combined revenues are expected to exceed the 1972 appropriation request by \$5.1 million and make a significant contribution to the recovery of interest and depreciation charges. In 1972 for the first time, before application of interest and depreciation charges, Dulles International Airport is expected to return an operating profit of \$210 thousand. This makes both airports self-supporting in terms of recovery of direct operating costs through revenues.

The rate structures and concession arrangements are established so as to assure the recovery of operating costs, interest expenses and an appropriate return on the Government's investment during the useful life of the airports. Revenues, however, are expected to grow at a faster rate than expenses.

The following table reflects increase in activity at the airports:

	1970 actual	1971 estimate	1972 estimate
Washington National Airport:			
Passengers.....	10,124,423	10,762,000	11,479,000
Air operations.....	333,548	232,600	243,200
Air cargo (000 pounds):			
Express.....	22,646	24,550	24,805
Freight.....	79,634	87,500	93,000
Dulles International Airport:			
Passengers.....	2,218,188	2,813,000	3,215,000
Domestic.....	1,954,370	2,393,000	2,670,000
International.....	263,818	420,000	545,000
Air operations.....	204,910	223,500	231,100
Air cargo (000 pounds):			
Express.....	1,653	1,650	1,825
Freight.....	37,081	38,200	42,000

Revenue and Expense (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
WASHINGTON NATIONAL AIRPORT			
Area:			
Terminal:			
Total revenues.....	2,694	2,721	2,752
Direct operating costs.....	1,831	1,947	1,914
Total costs (including interest and depreciation).....	2,140	2,322	2,291
Net income or loss.....	554	399	461
Landing:			
Total revenues.....	2,845	2,958	3,448
Direct operating costs.....	1,407	1,765	1,869
Total costs (including interest and depreciation).....	1,814	2,781	2,587
Net income or loss.....	1,031	177	861
Hangar:			
Total revenues.....	1,204	1,244	1,310
Direct operating costs.....	728	800	860
Total costs (including interest and depreciation).....	1,150	1,172	1,190
Net income or loss.....	54	72	120
Operating:			
Total revenues.....	786	932	1,050
Direct operating costs.....	251	256	286
Total costs (including interest and depreciation).....	374	342	372
Net income or loss.....	412	590	678

Other:			
Total revenues.....	1,920	1,878	1,965
Direct operating costs.....	276	311	331
Total costs (including interest and depreciation).....	412	607	544
Net income or loss.....	1,508	1,271	1,421

Total all areas:			
Total revenues.....	9,449	9,733	10,525
Direct operating costs.....	4,493	5,079	5,260
Total costs (including interest and depreciation).....	5,890	7,224	6,984
Net income or loss ¹	3,559	2,509	3,541

DULLES INTERNATIONAL AIRPORT

Area:			
Terminal:			
Total revenues.....	1,157	1,297	1,448
Direct operating costs.....	1,624	1,714	1,676
Total costs (including interest and depreciation).....	3,251	3,677	3,711
Net income or loss.....	-2,094	-2,380	-2,263

Landing:			
Total revenues.....	1,320	1,769	2,183
Direct operating costs.....	1,442	1,549	1,674
Total costs (including interest and depreciation).....	3,711	3,529	3,729
Net income or loss.....	-2,391	-1,760	-1,546

Hangar:			
Total revenues.....	85	69	80
Direct operating costs.....	81	100	92
Total costs (including interest and depreciation).....	141	169	144
Net income or loss.....	-56	-100	-64

Operating:			
Total revenues.....	1,279	1,533	1,421
Direct operating costs.....	1,784	1,920	1,793
Total costs (including interest and depreciation).....	2,507	2,954	2,808
Net income or loss.....	-1,228	-1,421	-1,387

Other:			
Total revenues.....	436	575	692
Direct operating costs.....	195	321	379
Total costs (including interest and depreciation).....	387	485	850
Net income or loss.....	49	90	-158

Total all areas:			
Total revenues.....	4,277	5,243	5,824
Direct operating costs.....	5,126	5,604	5,614
Total costs (including interest and depreciation).....	9,997	10,814	11,242
Net income or loss.....	-5,720	-5,571	-5,418

¹ Fees paid by the air carriers for landing jet aircraft at Washington National Airport are identical to the air carrier landing fees paid at Dulles International Airport. The difference between the jet and lower propeller aircraft landing fees at National is credited to Dulles. This difference which is presently included in Washington National's revenues, increases Dulles' revenues for 1970, 1971, and 1972 by the respective amounts of \$705 thousand, \$812 thousand, and \$702 thousand.

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Treasury balance.....	7,356	8,279	9,027	18,427
Deposit funds.....	287	273	300	300
Accounts receivable, net.....	968	1,948	2,000	2,000
Selected assets: ¹ Supplies and materials.....	516	506	486	486

Fixed assets, net: Completed work, net.....	106,116	102,766	101,883	113,213
Work in progress.....	959	1,003	4,152	7,718
Total assets.....	116,202	114,775	117,848	142,144
Liabilities:				
Accrued liabilities.....	1,371	1,674	1,700	1,700
Government equity:				
Unpaid undelivered orders ¹ ..	1,241	1,272	7,448	10,576
Unobligated balance.....	5,664	6,420	3,843	8,443
Invested capital.....	107,926	105,409	104,857	121,425
Total Government equity..	114,831	113,101	116,148	140,444

¹ The changes in these items are reflected on the program and financing schedule.

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Non-interest-bearing capital:			
Start of year.....	101,051	101,148	109,644
Appropriation.....	12,050	15,000	30,800
Total Government equity.....	113,101	116,148	140,444

Object Classification (in thousands of dollars)			
Identification code 21-20-1333-0-1-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	6,413	7,168	7,445
11.3 Positions other than permanent.....	28	-----	-----
11.5 Other personnel compensation.....	609	592	587
Total personnel compensation.....	7,050	7,760	8,032
12.1 Personnel benefits: Civilian employees.....	538	636	700
21.0 Travel and transportation of persons.....	22	31	31
22.0 Transportation of things.....	4	10	10
23.0 Rent, communications, and utilities.....	752	966	1,026
24.0 Printing and reproduction.....	6	8	8
25.0 Other services.....	412	515	368
26.0 Supplies and materials.....	660	557	629
31.0 Equipment.....	392	363	350
32.0 Lands and structures.....	316	154	46
42.0 Insurance claims and indemnities.....	1	-----	-----
99.0 Total obligations.....	10,153	11,000	11,200

Personnel Summary

Total number of permanent positions.....	763	763	763
Full-time equivalent of other positions.....	6	-----	-----
Average number of all employees.....	722	722	729
Average GS grade.....	7.1	7.1	7.1
Average GS salary.....	\$10,354	\$11,366	\$11,548
Average salary of ungraded positions.....	\$8,704	\$9,314	\$9,619

CONSTRUCTION, NATIONAL CAPITAL AIRPORTS

For necessary expenses for construction at the federally owned civil airports in the vicinity of the District of Columbia, \$19,600,000, to remain available until expended.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-20-1333-0-1-501	Costs to this appropriation			Analysis of 1972 financing			Appropriation required, 1972	Appropriation required to complete
	Total estimate	To June 30, 1969	1970 actual	1971 estimate	1972 estimate	Deduct selected resources and unobligated balance, start of year		
Program by activities:								
1. Washington National Airport:								
(a) Terminal area.....	165	-----	-----	-----	100	-----	65	165
(b) Landing area.....	3,302	139	474	80	1,700	709	909	1,900
(c) Hangar area.....	1,370	-----	-----	-----	-----	1,370	1,370	-----
(d) Operating area.....	295	-----	-----	-----	-----	295	295	-----
(e) Other areas.....	894	404	13	36	-----	441	441	-----
Subtotal.....	6,026	543	487	116	1,800	2,815	3,080	2,065
2. Dulles International Airport:								
(a) Terminal area.....	19,936	172	772	150	6,040	7,159	12,802	11,683
(b) Landing area.....	3,027	136	-----	-----	1,630	91	1,261	2,800
(c) Hangar area.....	400	-----	-----	-----	-----	400	400	-----
(d) Operating area.....	-----	-----	-----	-----	-----	-----	-----	-----
(e) Other areas.....	3,815	633	-----	50	2,390	80	742	3,052
Subtotal.....	27,178	941	772	200	10,060	7,730	15,205	17,535
Total program costs, funded.....	33,204	1,484	1,259	316	11,860	10,545	18,285	19,600
Change in selected resources¹.....	-----	-----	-115	6,261	3,140	-----	-----	-----
10 Total obligations.....	-----	-----	1,144	6,577	15,000	-----	-----	-----
Financing:								
21 Unobligated balance available, start of year.....	-----	-----	-5,664	-6,420	-3,843	-----	-----	-----
24 Unobligated balance available, end of year.....	-----	-----	6,420	3,843	8,443	-----	-----	-----
40 Budget authority (appropriation).....	-----	-----	1,900	4,000	19,600	-----	-----	-----
Relation of obligations to outlays:								
71 Obligations incurred, net.....	-----	-----	1,144	6,577	15,000	-----	-----	-----
72 Obligated balance, start of year.....	-----	-----	598	445	3,570	-----	-----	-----
74 Obligated balance, end of year.....	-----	-----	-445	-3,570	-8,170	-----	-----	-----
90 Outlays.....	-----	-----	1,297	3,452	10,400	-----	-----	-----

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$556 thousand; 1970, \$441 thousand; 1971, \$6,702 thousand; 1972, \$9,842 thousand.

General and special funds—Continued

CONSTRUCTION, NATIONAL CAPITAL AIRPORTS—Continued

This appropriation finances construction of major improvements to, and expansion of, facilities at Washington National Airport and Dulles International Airport. Projects are undertaken whenever necessary to insure the capability of these airports to adequately, safely, and efficiently meet air travel needs of the public and to promote development of aviation activities in general.

At Washington National Airport, funds are provided for rebuilding Runway 18-36 including the stabilization of the runway threshold areas. At Dulles International Airport, funds are provided for expansion of the terminal and additions to the mobile-lounge fleet.

All outlays for physical improvements are added to the airports' capital investment and will be subsequently recovered through fees and charges to the tenants and users of the airports, in accordance with established business practices.

A supplemental appropriation will be requested for 1971 to provide funds for an International Aeronautical Exposition at Dulles International Airport.

Object Classification (in thousands of dollars)

Identification code	21-20-1333-0-1-501	1970 actual	1971 est.	1972 est.
FEDERAL AVIATION ADMINISTRATION				
Personnel compensation:				
11.1	Permanent positions	79	118	136
11.5	Other personnel compensation	5	7	7
	Total personnel compensation	84	125	143
12.1	Personnel benefits: Civilian employees	6	12	13
21.0	Travel and transportation of persons	1	2	2
32.0	Lands and structures	1,051	6,290	14,842
	Total obligations, Federal Aviation Administration	1,142	6,429	15,000
ALLOCATION ACCOUNTS				
32.0	Lands and structures	2	148	-----
99.0	Total obligations	1,144	6,577	15,000
Obligations are distributed as follows:				
	Federal Aviation Administration	1,142	6,429	15,000
	Federal Highway Administration	2	5	-----
	General Services Administration	-----	143	-----
Personnel Summary				
	Total number of permanent positions	14	14	14
	Average number of all employees	5	11	13
	Average GS grade	11.6	11.6	11.6
	Average GS salary	\$13,460	\$13,642	\$14,000

Proposed for separate transmittal, existing legislation:

CONSTRUCTION, NATIONAL CAPITAL AIRPORTS

Program and Financing (in thousands of dollars)

Identification code	21-20-1333-1-1-501	1970 actual	1971 est.	1972 est.
Program by activities:				
10	Dulles International Airport: U.S. International Aeronautical Exposition (obligations)	-----	1,555	2,877
Financing:				
14	Receipts and reimbursements from: Non-Federal sources (Public Law 91-142)	-----	-----	-2,800

21	Unobligated balance available, start of year	-----	-----	-1,445
24	Unobligated balance available, end of year	-----	1,445	1,368
40	Budget authority (proposed supplemental appropriation)	-----	3,000	-----
Relation of obligations to outlays:				
71	Obligations incurred, net	-----	1,555	77
72	Obligated balance, start of year	-----	-----	355
74	Obligated balance, end of year	-----	-355	-332
90	Outlays	-----	1,200	100

A supplemental request is anticipated to provide funds to implement legislation, section 709 of the Military Construction Authorization Act, 1970, Public Law 91-142, as amended, which authorized the President to establish and conduct an International Aeronautical Exposition. The President, by Executive Order 11538, dated 29 June 1970, assigned the responsibility for the development and operation of the exposition to the Secretary of Transportation.

The enabling legislation provides that revenues from the exposition may be used to pay the expenses of the exposition, with any net revenues after payment of such expenses to be deposited in the U.S. Treasury. The exposition is planned to be located at Dulles International Airport and to run for a period of 9 days, beginning May 27 and closing June 4, 1972.

SAFETY REGULATION

For necessary expenses of the Federal Aviation Administration for safety regulation activities, including operation and maintenance (including administrative expenses for research and development), acquisition and modernization of facilities and equipment, and research, development, and service testing in accordance with the provisions of the Federal Aviation Act (49 U.S.C. 1301-1542), including construction of experimental facilities and acquisition of necessary sites by lease or grant, **[\$1,000,000]** \$112,856,000 to remain available until expended: *Provided, That the obligated balance of amounts appropriated for safety regulation activities, under appropriations for "Operations" and the unexpended balance of amounts appropriated for "Research and development," for the prior fiscal year, shall be transferred to this appropriation. (Supplemental Appropriations Act, 1971.)*

Program and Financing (in thousands of dollars)

Identification code	21-20-1307-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:				
1. Operations:				
	(a) Installation and materiel services	-----	-----	4,004
	(b) Administration of flight standards program	-----	-----	94,654
	(c) Administration of medical programs	-----	-----	4,203
	(d) Research direction	-----	-----	1,330
	2. Research and development	-----	1,000	8,665
10	Total obligations	-----	1,000	112,856
Financing:				
40	Budget authority (appropriation)	-----	1,000	112,856
Relation of obligations to outlays:				
71	Obligations incurred, net	-----	1,000	112,856
72	Obligated balance, start of year	-----	-----	500
74	Obligated balance, end of year	-----	-500	-5,756
90	Outlays	-----	500	107,600

This appropriation finances all of the safety regulation activities of the Federal Aviation Administration, exclusive of the National Capital Airports accounts, which are not eligible to be financed from the Airport and airway trust fund. The 1971 program level of

approximately \$108 million is financed under the old appropriations "Operations" and "Research and development."

1. *Operations.*—Under the operations portion of this appropriation there are the following activities:

(a) *Installation and materiel services.*—This activity covers the procurement, contracting and materiel management functions necessary to the furnishing of supplies, spare parts and leased telecommunications services to support safety regulation activities.

(b) *Administration of flight standards program.*—This activity covers the establishment and enforcement of the civil air regulations which are designed to assure the high standards of safety in aviation. Inspections are made and certificates issued for aircraft, airmen, aircraft operators, and air agencies that meet safety or competency requirements. Management and maintenance of agency training aircraft are also included in this activity.

(c) *Administration of medical programs.*—This activity covers the portion of the development of regulations governing the physical and mental fitness of airmen and other persons whose health affects safety in flight; the development and supervision of a health and medical program for agency personnel; the administration of an aviation medical research program, the project costs of which are financed under research and development; and the operation of the Civil Aeromedical Institute building not financed from the trust fund.

(d) *Research direction.*—This activity covers the portion of the planning, direction, and evaluation of the research and development program, not financed from the trust fund; and a portion of the administrative support for the operation of the National Aviation Facilities Experimental Center at Atlantic City, N.J.

2. *Research and development.*—The research and development portion of this appropriation includes a program, coordinated with the Department of Defense and the National Aeronautics and Space Administration, to study, develop, and evaluate devices to enhance the safety of civil aircraft. Also included are the analysis and solution of noise and sonic boom problems and an aeromedical research effort directed toward the identification of human factors in aviation system design and operation.

Object Classification (in thousands of dollars)

Identification code 21-20-1307-0-1-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....			79,867
11.3 Positions other than permanent.....			676
11.5 Other personnel compensation.....			811
11.8 Special personal service payments.....			148
Total personnel compensation.....			81,502
12.1 Personnel benefits: Civilian employees.....			8,761
21.0 Travel and transportation of persons.....			4,872
22.0 Transportation of things.....			564
23.0 Rent, communications, and utilities.....			3,937
24.0 Printing and reproduction.....			602
25.0 Other services.....	1,000		8,761
26.0 Supplies and materials.....			3,198
31.0 Equipment.....			676
42.0 Insurance claims and indemnities.....			1
Subtotal.....		1,000	112,874
95.0 Quarters and subsistence charges.....			-18
99.0 Total obligations.....		1,000	112,856

Personnel Summary

Total number of permanent positions.....	5,476
Full-time equivalent of other positions.....	120

Average number of all employees.....	5,237
Average GS grade.....	10.5
Average GS salary.....	\$15,649
Average salary of ungraded positions.....	\$8,292

FEDERAL PAYMENT TO THE AIRPORT AND AIRWAY TRUST FUND

For payment to the Airport and Airway Trust Fund as provided for by section 208(d) of Public Law 91-258, \$293,144,000.

Program and Financing (in thousands of dollars)

Identification code 21-20-1306-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Payment to Airport and airway trust fund (object class 25.0) (costs—obligations).....			293,144
Financing:			
40 Budget authority (appropriation).....			293,144
Relation of obligations to outlays:			
71 Obligations incurred, net.....			293,144
90 Outlays.....			293,144

The Airport and Airway Revenue Act of 1970 (Title II of Public Law 91-258) establishes in the Treasury of the United States an Airport and Airway Trust Fund. Section 208(b) of the act provides that all revenues from aviation user taxes are appropriated to the trust fund. Section 208(d) of the act authorizes additional appropriations to the trust fund as may be required to make expenditures for specific airport and airway activities conducted by the Federal Aviation Administration (section 208(f) of the act).

This appropriation provides for a definite appropriation equal to the difference between tax revenues estimated to be collected by the Treasury and appropriations enacted by the Congress under the three operating accounts under the Airport and airway trust fund. No Federal payment is required in 1971 since Congress did not act on the administration proposal to fully implement the trust fund for 1971.

OPERATIONS

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-20-1301-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Operation of traffic control system.....	413,139	475,836	
2. Installation and materiel services.....	89,140	105,985	
3. Maintenance of traffic control system.....	196,345	227,587	
4. Administration of flight standards program.....	113,000	125,353	
5. Administration of medical programs.....	5,956	6,715	
6. Research direction.....	11,850	11,814	
7. Administration of airports program.....	14,622	16,028	
10 Total obligations.....	844,052	969,318	
Financing:			
25 Unobligated balance lapsing.....	1,382		
Budget authority.....	845,434	969,318	

General and special funds—Continued

OPERATIONS—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 21-20-1301-0-1-501	1970 actual	1971 est.	1972 est.
Budget authority:			
40 Appropriation.....	825,597	923,885	-----
40 Pay increase (Public Law 91-305)....	20,050	-----	-----
41 Transferred to other accounts.....	-213	-67	-----
43 Appropriation (adjusted).....	845,434	923,818	-----
44.20 Proposed supplemental for civilian pay act increases.....	-----	45,500	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	844,052	969,318	-----
72 Obligated balance, start of year.....	49,739	61,825	67,418
74 Obligated balance, end of year.....	-61,825	-67,418	-----
77 Adjustments in expired accounts.....	-2,540	-----	-----
90 Outlays, excluding pay increase supplemental.....	829,425	859,540	-----
Outlays (payment of obligated balance to trust fund).....	-----	61,825	64,278
91.20 Outlays from civilian pay act supplemental.....	-----	42,360	3,140

This account will be phased out in 1971 and the activities authorized under provisions of Public Law 91-258 will be shown in the new account Operations (Airport and airway trust fund) in 1972.

Object Classification (in thousands of dollars)

Identification code 21-20-1301-0-1-501	1970 actual	1971 est.	1972 est.
FEDERAL AVIATION ADMINISTRATION			
Personnel compensation:			
11.1 Permanent positions.....	594,732	675,102	-----
11.3 Positions other than permanent.....	3,865	4,484	-----
11.5 Other personnel compensation.....	48,023	51,450	-----
11.8 Special personal service payments.....	469	522	-----
Total personnel compensation.....	647,089	731,558	-----
12.1 Personnel benefits: Civilian employees.....	58,043	68,747	-----
13.0 Benefits for former personnel.....	30	15	-----
21.0 Travel and transportation of persons.....	20,964	27,765	-----
22.0 Transportation of things.....	5,902	5,580	-----
23.0 Rent, communications, and utilities.....	29,390	32,630	-----
24.0 Printing and reproduction.....	3,053	3,159	-----
25.0 Other services.....	26,293	31,721	-----
26.0 Supplies and materials.....	25,565	29,560	-----
31.0 Equipment.....	2,987	5,303	-----
32.0 Lands and structures.....	42	103	-----
42.0 Insurance claims and indemnities.....	619	31	-----
Subtotal.....	819,977	936,172	-----
95.0 Quarters and subsistence charges.....	-1,243	-1,229	-----
Total obligations, Federal Aviation Administration.....	818,734	934,943	-----
ALLOCATION TO DEPARTMENT OF DEFENSE			
23.0 Rent, communications, and utilities.....	25,318	34,375	-----
99.0 Total obligations.....	844,052	969,318	-----

Personnel Summary

Total number of permanent positions.....	48,670	53,676	-----
Full-time equivalent of other positions.....	729	781	-----
Average number of all employees.....	44,963	48,437	-----
Average GS grade.....	10.6	10.7	-----
Average GS salary.....	\$14,096	\$14,378	-----
Average NM grade.....	10.6	10.6	-----
Average NM salary.....	\$16,474	\$16,672	-----
Average salary of ungraded positions.....	\$8,911	\$9,115	-----

FACILITIES AND EQUIPMENT

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-20-1305-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Air route traffic control centers.....	130,532	134,000	-----
2. Airport traffic control towers.....	14,621	-----	-----
3. Flight service stations.....	2,564	-----	-----
4. Air navigation facilities.....	8,290	-----	-----
5. Housing, utilities, and miscellaneous facilities.....	3,884	-----	-----
6. Aircraft and related equipment.....	479	-----	-----
7. Research, test, and evaluation facilities.....	240	-----	-----
8. Payment to trust fund.....	-----	167,011	56,000
10 Total obligations.....	160,610	301,011	56,000
Financing:			
21 Unobligated balance available, start of year.....	-103,621	-167,011	-56,000
24 Unobligated balance available, end of year.....	167,011	56,000	-----
40 Budget authority (appropriation)....	224,000	190,000	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	160,610	301,011	56,000
72 Obligated balance, start of year.....	135,581	189,337	86,000
74 Obligated balance, end of year.....	-189,337	-86,000	-----
90 Outlays.....	106,854	48,000	-----
Outlays (payment of unobligated balance to trust fund).....	-----	167,011	56,000
Outlays (payment of obligated balance to trust fund).....	-----	189,337	86,000

This account will be phased out in 1971 and the activities authorized under provisions of Public Law 91-258 will be shown in the new account Airway system investment and development (Airport and airway trust fund) in 1972.

Object Classification (in thousands of dollars)

Identification code 21-20-1305-0-1-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	12,704	-----	-----
11.3 Positions other than permanent.....	207	-----	-----
11.5 Other personnel compensation.....	1,121	-----	-----
Total personnel compensation.....	14,032	-----	-----
12.1 Personnel benefits: Civilian employees.....	1,256	-----	-----
21.0 Travel and transportation of persons.....	2,151	-----	-----
22.0 Transportation of things.....	581	-----	-----
23.0 Rent, communications, and utilities.....	143	-----	-----
24.0 Printing and reproduction.....	69	-----	-----
25.0 Other services.....	11,967	-----	-----
26.0 Supplies and materials.....	5,343	-----	-----
31.0 Equipment.....	107,738	116,951	-----
32.0 Lands and structures.....	16,942	17,049	-----

42.0	Insurance claims and indemnities.....	411	-----	-----
92.0	Undistributed (payment to trust fund).....	167,011	56,000	-----
	Subtotal.....	160,633	301,011	56,000
95.0	Quarters and subsistence charges.....	-23	-----	-----
99.0	Total obligations.....	160,610	301,011	56,000

Personnel Summary

Total number of permanent positions.....	1,153	-----	-----
Full-time equivalent of other positions.....	19	-----	-----
Average number of all employees.....	1,016	-----	-----
Average GS grade.....	10.2	-----	-----
Average GS salary.....	\$13,298	-----	-----
Average salary of ungraded positions.....	\$8,582	-----	-----

RESEARCH AND DEVELOPMENT

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-20-1300-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Air traffic control.....	29,711	31,663	-----
2. Navigation.....	4,695	5,812	-----
3. Aviation weather.....	889	610	-----
4. Aircraft safety.....	4,607	4,915	-----
5. Aviation medicine.....	1,919	2,000	-----
6. Payment to trust fund.....	-----	39	-----
10 Total obligations.....	41,821	45,039	-----
Financing:			
21 Unobligated balance available, start of year.....	-580	-39	-----
24 Unobligated balance available, end of year.....	39	-----	-----
Budget authority.....	41,280	45,000	-----
Budget authority:			
40 Appropriation.....	41,000	45,000	-----
40 Pay increase (Public Law 91-305).....	280	-----	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	41,821	45,039	-----
72 Obligated balance, start of year.....	22,508	19,792	19,140
74 Obligated balance, end of year.....	-19,792	-19,140	-----
90 Outlays.....	44,537	25,860	-----
Outlays (payment of unobligated balance to trust fund).....	-----	39	-----
Outlays (payment of obligated balance to trust fund).....	-----	19,792	19,140

This account will be phased out in 1971 and the activities authorized under provisions of Public Law 91-258 will be shown in the new account airway systems investment and development (Airport and airway trust fund) in 1972.

Object Classification (in thousands of dollars)

Identification code 21-20-1300-0-1-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	17,068	20,169	-----
11.3 Positions other than permanent.....	1,345	933	-----
11.5 Other personnel compensation.....	197	263	-----
11.8 Special personal service payments.....	155	182	-----
Total personnel compensation.....	18,765	21,547	-----
12.1 Personnel benefits: Civilian employees.....	1,470	1,910	-----
21.0 Travel and transportation of persons.....	642	827	-----
22.0 Transportation of things.....	51	117	-----
23.0 Rent, communications, and utilities.....	763	416	-----
24.0 Printing and reproduction.....	9	60	-----

25.0	Other services.....	13,869	18,723	-----
26.0	Supplies and materials.....	1,118	1,113	-----
31.0	Equipment.....	5,065	287	-----
32.0	Lands and structures.....	69	-----	-----
92.0	Undistributed (payment to trust fund).....	-----	39	-----
99.0	Total obligations.....	41,821	45,039	-----

Personnel Summary

Total number of permanent positions.....	1,195	1,400	-----
Full-time equivalent of other positions.....	234	143	-----
Average number of all employees.....	1,365	1,457	-----
Average GS grade.....	11.2	10.6	-----
Average GS salary.....	\$16,063	\$15,570	-----
Average salary of ungraded positions.....	\$8,887	\$9,286	-----

GRANTS-IN-AID FOR AIRPORTS

Program and Financing (in thousands of dollars)

Identification code 21-20-9998-0-1-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Grants for construction of airports.....	50,502	-----	-----
2. Payment to trust fund.....	-----	51,095	-----
10 Total obligations.....	50,502	51,095	-----
Financing:			
21 Unobligated balance available, start of year.....	-21,597	-51,095	-----
24 Unobligated balance available, end of year.....	51,095	-----	-----
Budget authority.....	80,000	-----	-----
Budget authority:			
40 Appropriation (current).....	50,000	-----	-----
60 Appropriation (permanent).....	30,000	-----	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	50,502	51,095	-----
72 Obligated balance, start of year.....	164,786	132,077	-----
74 Obligated balance, end of year.....	-132,077	-----	-----
77 Adjustments in expired accounts.....	-56	-----	-----
90 Outlays.....	83,155	-----	-----
Outlays (payment of unobligated balance to trust fund).....	-----	51,095	-----
Outlays (payment of obligated balance to trust fund).....	-----	132,077	-----

This account has been phased out in 1970 and merged into grants-in-aid for airports (Airport and airway trust fund) in 1971 in accordance with the provisions of Public Law 91-258.

Object Classification (in thousands of dollars)

Identification code 21-20-9998-0-1-501	1970 actual	1971 est.	1972 est.
41.0 Grants, subsidies, and contributions.....	50,502	-----	-----
92.0 Undistributed (payment to trust fund).....	-----	51,095	-----
99.0 Total obligations.....	50,502	51,095	-----

Public enterprise funds:

AVIATION WAR RISK INSURANCE REVOLVING FUND

The Secretary of Transportation is hereby authorized to make such expenditures, within the limits of funds available pursuant to Section 1506 of the Act of August 23, 1958 (49 U.S.C. 1536), and in accordance with Section 104 of the Government Corporation Control Act, as amended (31 U.S.C. 849), as may be necessary in carrying out the programs set forth in the budget for the current fiscal year for aviation war risk insurance activities under said Act.

Public enterprise funds—Continued

AVIATION WAR RISK INSURANCE REVOLVING FUND—Continued

Program and Financing (in thousands of dollars)

Identification code 21-20-4120-0-3-501	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Administrative expenses (costs—obligations).....	19	36	48
Financing:			
14 Receipts and reimbursements from: Non-Federal sources.....	—9	—6,540	—7,520
21 Unobligated balance available, start of year.....	—38	—28	—6,532
24 Unobligated balance available, end of year.....	28	6,532	14,004
Budget authority.....			
Relation of obligations to outlays:			
71 Obligations incurred, net.....	10	—6,504	—7,472
72 Obligated balance, start of year.....	1	—	—
90 Outlays.....	10	—6,504	—7,472

The fund currently provides premium aviation war risk hull insurance, effective immediately, to U.S. international air carriers. Premium binders are also issued to cover aircraft, persons, and property and will become war risk insurance in wartime and in situations short of war; policies covering aircraft, persons, and property which become active insurance upon issuance are available to certain civil air carriers in connection with Government contract operations. Administrative costs are out of fee receipts (49 U.S.C. 1531, as amended; 75 Stat. 210).

Unfunded contingent liability as of September 30, 1970, is estimated at \$55 billion. This amount includes hull insurance and personal and property liability on approximately 947 aircraft insured under this program.

Revenue and Expense (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Administrative expenses:			
Revenue.....	9	6,540	7,520
Expense.....	—17	—36	—48
Net operating income or loss.....	—8	6,504	7,472
Analysis of retained earnings:			
Retained earnings, start of year.....	36	28	6,532
Retained earnings, end of year.....	28	6,532	14,004

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Treasury balance.....	38	28	6,532	14,004
Government equity:				
Retained earnings.....	38	28	6,532	14,004

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unobligated balance (total Government equity).....	28	6,532	14,004

Object Classification (in thousands of dollars)

Identification code 21-20-4120-0-3-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	17	29	41
11.5 Other personnel compensation.....	—	1	1
Total personnel compensation.....	17	30	42
12.1 Personnel benefits: Civilian employees.....	2	4	4
21.0 Travel and transportation of persons.....	—	1	1
24.0 Printing and reproduction.....	—	1	1
99.0 Total obligations.....	19	36	48

Personnel Summary

	1970 actual	1971 est.	1972 est.
Total number of permanent employees.....	1	2	2
Average number of all employees.....	2	3	3
Average GS grade.....	6.0	11.0	11.0
Average GS salary.....	\$7,294	\$15,403	\$15,880

ALLOCATIONS RECEIVED FROM OTHER AGENCIES

Note.—Obligations incurred under allocations from other accounts are included in the schedules of the parent appropriations as follows:
Department of Commerce, "Development facilities grants, Economic Development Administration."
Department of the Interior, "Construction, National Park Service."
Appalachian Regional Commission, "Supplement to Federal grants-in-aid program."

Intragovernmental funds:

**ADVANCES AND REIMBURSEMENTS
Program and Financing (in thousands of dollars)**

Identification code 21-20-3913-0-4-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Operation and construction of air navigation and related facilities:			
Air Force.....	15,385	19,768	18,432
Navy.....	1,221	1,005	266
Army.....	560	562	692
2. Administration, training, and technical services in connection with Agency for International Development programs.....	4,132	4,883	4,550
3. Miscellaneous services to other accounts.....	12,105	10,896	10,604
10 Total obligations.....	33,403	37,114	34,544
Financing:			
Receipts and reimbursements from:			
11 Federal funds.....	—29,277	—31,853	—29,394
14 Non-Federal sources ¹	—4,126	—5,261	—5,150
Budget authority.....			

Relation of obligations to outlays:

71 Obligations incurred, net.....	—	—	—
90 Outlays.....	—	—	—

¹ Reimbursements from non-Federal sources are derived from the sale of personal property (40 U.S.C. 481(c)); servicing of aircraft for foreign governments (49 U.S.C. 1154); and Public Law 80-647 activities (49 U.S.C. 1151).

Object Classification (in thousands of dollars)

Identification code 21-20-3913-0-4-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	12,146	11,844	13,343
11.3 Positions other than permanent.....	124	73	75
11.5 Other personnel compensation.....	1,539	1,023	1,081
11.8 Special personal service payments.....	62	90	90
Total personnel compensation.....	13,871	13,030	14,589

12.1	Personnel benefits: Civilian employees	1,217	1,170	1,314
21.0	Travel and transportation of persons	594	652	532
22.0	Transportation of things	327	432	384
23.0	Rent, communications, and utilities	586	428	421
24.0	Printing and reproduction	4	9	9
25.0	Other services	998	2,119	598
26.0	Supplies and materials	5,332	5,104	5,572
31.0	Equipment	9,517	12,450	9,104
32.0	Land and structures	886	1,239	1,540
41.0	Grants, subsidies, and contributions	89	515	515
	Subtotal	33,421	37,148	34,578
95.0	Quarters and subsistence charges	-18	-34	-34
99.0	Total obligations	33,403	37,114	34,544

Personnel Summary

Total number of permanent positions	832	872	872
Full-time equivalent of other positions	11	6	6
Average number of all employees	796	827	827
Average GS grade	10.9	11.0	11.0
Average GS salary	\$14,299	\$14,498	\$14,932
Average FC grade	4.0	4.0	4.0
Average FC salary	\$18,948	\$19,421	\$19,888
Average salary of ungraded positions	\$8,004	\$8,787	\$9,115

Trust Funds

AIRPORT AND AIRWAY TRUST FUND

Amounts Available for Appropriation (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unappropriated balance, start of year			402,500
Revenues:			
Transfer of unexpended balances: Federal funds		621,176	228,558
Federal payment			293,144
User taxes:			
Existing legislation		574,000	673,000
Proposed legislation		6,000	53,000
Total available for appropriation		1,201,176	1,650,202
Reappropriation:			
Operations		61,825	67,418
Airway system and development:			
Facilities and equipment		356,348	142,000
Research and development		19,831	19,140
Grants-in-aid for airports		183,172	
Current appropriations:			
Operations		34,000	991,809
Airway system investment and development:			
Facilities and equipment		48,000	250,000
Research and development		24,000	72,835
Grants-in-aid for airports:			
Appropriation		10,000	15,000
Appropriation to liquidate contract authority		60,000	92,000
Aviation Advisory Commission		1,500	
Total appropriations		798,676	1,650,202
Unappropriated balance, end of year		402,500	

OPERATIONS (AIRPORT AND AIRWAY TRUST FUND)

For necessary expenses of the Federal Aviation Administration, not otherwise provided for, including administrative expenses for research and development, establishment of air navigation facilities; purchase of [three] ten passenger motor vehicles for replacement only; and purchase and repair of skis and snowshoes; and arms and ammunition; [\$6,000,000] \$991,809,000, to be derived from the Airport and Airway Trust Fund: *Provided*, That there may be credited to this appropriation funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred in the maintenance and operation of air naviga-

tion facilities: *Provided further*, That the obligated balance of the appropriation for "Operations" for the prior fiscal year, but excluding the balance of the amount appropriated for safety regulation activities, shall be transferred to this appropriation. (*Supplemental Appropriations Act, 1971.*)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-20-8104-0-7-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Operation of traffic control system			515,404
2. Installation and materiel services			112,353
3. Maintenance of traffic control system		4,631	253,239
4. Administration of flight standards program		29,369	80,083
5. Administration of medical programs			2,913
6. Research direction			10,621
7. Administration of airports program			17,196
8. Obligated balance transferred from general fund		61,825	67,418
10 Total obligations		95,825	1,059,227
Financing:			
Budget authority		95,825	1,059,227
Budget authority:			
40 Appropriation		34,000	991,809
50 Reappropriation		61,825	67,418
Relation of obligations to outlays:			
71 Obligations incurred, net		95,825	1,059,227
72 Obligated balance, start of year			8,225
74 Obligated balance, end of year		-8,225	-89,452
90 Outlays		87,600	978,000

Note.—Approximately \$869 million of the 1971 program level for this account is financed under the old appropriation "Operations."

1. *Operation of traffic control system.*—This activity covers the operation on a daily 24-hour basis of a national system of air traffic management in the United States and its possessions. With the aid of radar, communications, and other facilities, traffic management personnel at 27 centers monitor and control en route flights of civil and military aircraft conducted under instrument conditions to assure safety and to expedite the flow of traffic. Control towers are operated at 335 major civil airports to guide traffic movements on and in the vicinity of the airports. Some 343 domestic and international flight service stations transmit weather and other information to pilots and relay traffic control data between ground controllers and pilots. The increase in 1972 will provide for operating newly commissioned air traffic control facilities, for greater workloads brought about by the projected growth in aviation activity, increased support for automation programs, implementation of new procedures for more efficient airspace utilization and improvements in the training program.

TRENDS IN VOLUME OF AIR TRAFFIC

Fiscal year	Landings and takeoffs at airports with FAA towers (in millions)	Instrument operations at airports with FAA traffic control service (in millions)	General aviation hours flown (in millions)	Revenue passenger miles (in billions)
1966	41.2	10.7	18.9	76.4
1967	47.6	12.1	21.6	86.3
1968	53.0	14.6	22.9	106.6
1969	55.9	16.7	24.8	119.8
1970	56.2	17.5	25.5	128.9
1971 estimate	55.9	17.3	25.5	133.7
1972 estimate	60.0	17.9	26.7	147.3

OPERATIONS (AIRPORT AND AIRWAY TRUST FUND)—Continued

2. *Installation and materiel service.*—This activity covers the direction and engineering services related to the establishment and improvement of facilities and equipments in the traffic control system; procurement, contracting and materiel management programs; supply support and leased communications services for the traffic control system; and supply support for agency aircraft except for aircraft related to research and development programs. Major increases in 1972 are to provide supply support and leased communications services for air traffic control and air navigation facilities.

3. *Maintenance of traffic control system.*—This activity covers the technical operation and maintenance of a national network of air navigation and traffic control aids in the United States and its possessions. Major increases in 1972 are for the maintenance of new air traffic control and navigation aids planned for commissioning.

4. *Administration of flight standards program.*—This activity covers the establishment and enforcement of the civil air regulations which are designed to assure the high standards of safety in aviation. Inspections are made and certificates issued for aircraft, airmen, aircraft operators, and air agencies that meet safety or competency requirements. Facility flight inspection functions and management and maintenance of agency aircraft are also included in this activity.

5. *Administration of medical programs.*—This activity covers the development of standards governing the physical and mental fitness of airmen and other persons in the air navigation system; the development and supervision of a health and medical program for agency personnel; the administration of an aviation medical research program, the project costs of which are financed under Research and development; and the operation of the Civil Aeromedical Institute building.

6. *Research direction.*—This activity covers the planning, direction and evaluation of the research and development program, the direct project costs of which are financed under the Airway system investment and development appropriation; and the related administrative support for the operation of the National Aviation Facilities Experimental Center at Atlantic City, N.J.

7. *Administration of airports program.*—This activity provides for the administration of a new airport planning grant program and an expanded development assistance program for the improvement of public airports authorized by the Airport and Airway Development Act of 1970. The activity covers the costs of preparing the National Airport System Plan; development of airport planning, design and construction standards; furnishing planning and engineering advisory services; and assuring compliance of public agencies with terms of Federal assistance agreement relating to airports.

Object Classification (in thousands of dollars)

Identification code 21-20-8104-0-7-501	1970 actual	1971 est.	1972 est.
FEDERAL AVIATION ADMINISTRATION			
Personnel compensation:			
11.1 Permanent positions.....		5,235	650,518
11.3 Positions other than permanent.....			3,922
11.5 Other personnel compensation.....			50,969
11.8 Special personal service payments.....			434
Total personnel compensation.....		5,235	705,843

12.1 Personnel benefits: Civilian employees.....	504	69,176
13.0 Benefits for former personnel.....		14
21.0 Travel and transportation of persons.....	40	26,290
22.0 Transportation of things.....	20	5,395
23.0 Rent, communications, and utilities.....		31,659
24.0 Printing and reproduction.....		2,571
25.0 Other services.....	26,911	73,979
26.0 Supplies and materials.....	1,290	30,038
31.0 Equipment.....		7,239
32.0 Land and structures.....		17
42.0 Insurance claims and indemnities.....		30
Subtotal.....	34,000	952,251
95.0 Quarters and subsistence charges.....		-1,256
96.0 Obligations previously incurred.....	61,825	67,418
Total obligations, Federal Aviation Administration.....	95,825	1,018,413

ALLOCATION TO DEPARTMENT OF DEFENSE

23.0 Rent, communications, and utilities.....		40,814
99.0 Total obligations.....	95,825	1,059,227

Personnel Summary

Total number of permanent positions.....	165	49,487
Full-time equivalent of other positions.....	0	668
Average number of all employees.....	83	45,807
Average GS grade.....	11.0	10.9
Average GS salary.....	\$11,905	\$14,722
Average NM grade.....		10.6
Average NM salary.....		\$16,838
Average salary of ungraded positions.....		\$9,279

AIRWAY SYSTEM INVESTMENT AND DEVELOPMENT (AIRPORT AND AIRWAY TRUST FUND)

For necessary expenses, not otherwise provided for, of acquisition, establishment and improvement by contract or purchase and hire of air navigation and experimental facilities, including initial acquisition of necessary sites by lease or grant; construction and furnishing of quarters and related accommodations for officers and employees of the Federal Aviation Administration stationed at remote localities where such accommodations are not available, but at a total cost of construction not to exceed \$50,000 per housing unit in Alaska; and research, development, and service testing in accordance with the provisions of the Federal Aviation Act (49 U.S.C. 1301-1542), including construction of experimental facilities and acquisition of necessary sites by lease or grant; \$322,835,000, to be derived from the Airport and Airway Trust Fund and to remain available until expended: Provided, That there may be credited to this appropriation funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred in the establishment and modernization of air navigation facilities and for research, development, and service testing: Provided further, That no part of the foregoing appropriation shall be available for the construction of a new wind tunnel, or to purchase any land for or in connection with the National Aviation Facilities Experimental Center: Provided further, That the unexpended balances of the appropriations for "Facilities and equipment" and "Research and development", but excluding the balance of the amount appropriated for safety regulation activities, shall be transferred to this appropriation.

[FACILITIES AND EQUIPMENT (AIRPORT AND AIRWAY TRUST FUND)]

[For necessary expenses, not otherwise provided for; for acquisition, establishment and improvement by contract or purchase and hire of air navigation and experimental facilities, including initial acquisition of necessary sites by lease or grant; construction and furnishing of quarters and related accommodations for officers and employees of the Federal Aviation Administration stationed at remote localities where such accommodations are not available, but at a total cost of construction not to exceed \$50,000 per housing unit in Alaska; \$48,000,000 to be derived from the Airport and Airway Trust Fund, to remain available until expended: Provided, That there may be credited to this appropriation funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred in the establishment and modernization of air navigation facilities: Provided further, That no part of the foregoing appropriation shall be available for the con-

struction of a new wind tunnel, or to purchase any land for or in connection with the National Aviation Facilities Experimental Center.】

【RESEARCH AND DEVELOPMENT (AIRPORT AND AIRWAY TRUST FUND)】

【For necessary expenses, not otherwise provided for; for research, development, and service testing in accordance with the provisions of the Federal Aviation Act (49 U.S.C. 1301-1542), including construction of experimental facilities and acquisition of necessary sites by lease or grant; \$24,000,000, to be derived from the Airport and Airway Trust Fund, to remain available until expended: *Provided*, That there may be credited to this appropriation funds received from States, counties, municipalities, other public authorities, and private sources, for expenses incurred for research, development, and service testing.】 (*Supplemental Appropriations Act, 1971.*)

Program and Financing (in thousands of dollars)

Identification code 21-20-8105-0-7-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Facilities and equipment:			
(a) Air route traffic control centers.....	46,300	162,100	
(b) Airport traffic control towers.....	76,100	75,025	
(c) Flight service stations.....	2,100	2,172	
(d) Air navigation facilities.....	26,400	29,600	
(e) Housing, utilities and miscellaneous facilities.....	4,700	2,600	
(f) Aircraft and related equipment.....	1,100		
(g) Research, test, and evaluation facilities.....	300	2,503	
2. Research and development:			
(a) Air traffic control.....	20,927	68,675	
(b) Navigation.....	2,603	2,500	
(c) Aviation weather.....	470	1,000	
(d) Aviation medicine.....		660	
3. Obligations previously incurred.....	209,129	105,140	
10 Total obligations.....	390,129	451,975	
Financing:			
21 Unobligated balance available, start of year.....			-58,050
24 Unobligated balance available, end of year.....		58,050	90,050
Budget authority.....	448,179	483,975	
Budget authority:			
40 Appropriation.....	72,000	322,835	
50 Reappropriation.....	376,179	161,140	
Relation of obligations to outlays:			
71 Obligations incurred, net.....	390,129	451,975	
72 Obligated balance, start of year.....			241,489
74 Obligated balance, end of year.....		-241,489	-410,564
90 Outlays.....	148,640	282,900	

This appropriation finances the capital investment and research and development programs of FAA.

Facilities and equipment.—The Federal airways system is improved by the installation of new equipment and the construction and modernization of facilities to keep pace with aeronautical activity. The appropriation also finances major capital investments required by other agency programs such as aircraft for facility flight inspection and training, and experimental facilities for the research and development program. The 1972 estimate will carry forward the program to increase the capacity of the airways system and make its operations more efficient and safer. It provides for continuation of major efforts already underway to provide an automation capability in the air traffic control system. Operating costs of facilities procured under this appropriation are financed under the Operations appropriation.

(a) *Air route traffic control centers.*—Long-range radar provides FAA air traffic controllers with information on aircraft positions, at distances up to 185 miles. Automation equipment covers computers and other devices which aid controllers in handling en route air traffic. Other center facilities cover the installation of equipment to provide communications and related services.

(b) *Airport traffic control towers.*—Terminal area radar aids traffic control in the vicinity of airports by displaying aircraft positions at distances up to 60 miles. Terminal area automation covers computers and other devices which aid controllers in handling terminal air traffic. Other tower facilities cover the establishment, improvement and relocation of airport traffic control tower facilities.

(c) *Flight service stations.*—Domestic flight service stations and associated facilities provide flight assistance service to pilots. International flight service stations provide long-distance communications for transoceanic flights.

(d) *Air navigation facilities.*—Very high frequency omnidirectional radio ranges equipped with tactical air navigation capabilities (VORTAC) are standard short-range navigation aids used to define airways and air routes and to provide distance and direction information to pilots. Low and medium frequency facilities include radio beacons and ranges which provide pilots with direction and weather information. Instrument landing systems provide pilots with direction, distance, and glide slope information necessary for making safe approaches to runways under poor visibility conditions. Visual aids consist primarily of lighting aids which also assist the pilot in making final approaches to airport runways, particularly in areas where terrain or other environmental factors cause potential hazards to safe landings. Intermediate fields are emergency landing areas provided on a few air routes where public airports are not available.

(e) *Housing, utilities, and miscellaneous facilities.*—This section includes general support facilities and items not covered elsewhere.

(f) *Aircraft and related equipment.*—For: (a) Facility flight inspection covering aircraft and avionics equipment to inspect the accuracy and other characteristics of navigation and traffic control aids from the air; (b) training aircraft used to provide flight training to agency personnel and to maintain the proficiency of operations inspectors; (c) aircraft and equipment used to provide logistics support for remote facilities, for use by agency officials, and for other general purpose missions.

(g) *Research, test, and evaluation facilities.*—This activity provides for the construction and improvement of plant and facilities at the National Aviation Facilities Experimental Center in Atlantic City, N.J. It also covers the procurement of capital items of equipment for use in the research and development program.

Research and development.—The Federal Aviation Administration conducts a program to improve and modernize the national system of aviation facilities, and to initiate an airport/airspace increased capacity development program to meet projected 1980 traffic demands. The agency also carries out a program of medical research.

Research and development is conducted through contracts with qualified firms, universities, and individuals, or by agency staff or other Government agencies.

(a) *Air traffic control.*—This provides for improving the airways system by the development of systems for automation of air traffic control to expedite aircraft operations and improve aviation safety. This also provides for a program aimed at solving the problem of inadequate

AIRWAY SYSTEM INVESTMENT AND DEVELOPMENT (AIRPORT AND AIRWAY TRUST FUND)—Continued

capacity of the present and near future airports/airways systems to meet projected aviation requirements. The objective is to double the capacity of the airports/airways systems by 1980.

(b) *Navigation*.—This provides for modernization, expansion, and improvements of the common system navigation facilities in the United States and in overseas areas where international agreements require U.S. participation. Work in the field of landing systems, short- and long-distance navigation, and flight inspection is included.

(c) *Aviation weather*.—This provides for a program, coordinated with the Departments of Defense and Commerce, to develop devices and improve techniques for the communication and display of weather information to aviation users. The effects of weather in air traffic management techniques and systems are also analyzed.

(d) *Aviation medicine*.—This activity provides for conducting an aeromedical research effort directed toward the identification and elimination of those physical, physiological, and psychological factors which may affect personnel engaged in operation of the air traffic control system.

Object Classification (in thousands of dollars)

Identification code 21-20-8105-0-7-501	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions		16,310	37,213
11.3 Positions other than permanent		233	999
11.5 Other personnel compensation		672	1,857
11.8 Special personal service payments			139
Total personnel compensation		17,215	40,208
12.1 Personnel benefits: Civilian employees		1,385	3,349
21.0 Travel and transportation of persons		2,882	4,123
22.0 Transportation of things		501	743
23.0 Rent, communications, and utilities		64	581
24.0 Printing and reproduction		35	152
25.0 Other services		27,206	96,913
26.0 Supplies and materials		2,114	5,234
31.0 Equipment		106,898	121,115
32.0 Lands and structures		22,700	74,417
Subtotal		181,000	346,835
96.0 Obligations previously incurred		209,129	105,140
99.0 Total obligations		390,129	451,975

Personnel Summary

Total number of permanent positions	1,243	2,436
Full-time equivalent of other positions	15	150
Average number of all employees	1,220	2,601
Average GS grade	10.2	10.5
Average GS salary	\$13,673	\$14,914
Average salary of ungraded positions	\$8,702	\$9,346

GRANTS-IN-AID FOR AIRPORTS (AIRPORT AND AIRWAY TRUST FUND)

For grants-in-aid for airport planning pursuant to section 13 of Public Law 91-258, and for liquidation of obligations incurred for airport development under authority contained in section 14 of Public Law 91-258, to be derived from the Airport and Airway Trust Fund and to remain available until expended, **[\$70,000,000]** \$107,000,000, of which **[\$10,000,000]** \$15,000,000 shall be for airport planning grants. (*Supplemental Appropriations Act, 1971.*)

Program and Financing (in thousands of dollars)

Identification code 21-20-8106-0-7-501	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Grants for planning		10,000	15,000
2. Grants for construction		170,000	205,000
3. Obligated balance transferred from general fund		132,077	
10 Total obligations		312,077	220,000
Financing:			
Unobligated balance available, start of year:			
21.40 Appropriation			-51,095
21.49 Contract authority		-840,000	-670,000
Unobligated balance available, end of year:			
24.40 Appropriation		51,095	51,095
24.49 Contract authority	840,000	670,000	465,000
Budget authority	840,000	193,172	15,000
Budget authority:			
40 Appropriation		70,000	107,000
40.49 Appropriation to liquidate contract authority		-60,000	-92,000
43 Appropriation (adjusted)		10,000	15,000
49 Contract authority (84 Stat. 224)	840,000		
50 Reappropriation		183,172	
Relation of obligations to outlays:			
71 Obligations incurred, net		312,077	220,000
Obligated balance, start of year:			
72.40 Appropriation			68,077
72.49 Contract authority			110,000
Obligated balance, end of year:			
74.40 Appropriation		-68,077	-28,077
74.49 Contract authority		-110,000	-223,000
90 Outlays		134,000	147,000
Status of Unfunded Contract Authority (in thousands of dollars)			
Unfunded balance, start of year		840,000	780,000
Contract authority	840,000		
Unfunded balance, end of year	-840,000	-780,000	-688,000
Appropriation to liquidate contract authority			
		60,000	92,000

Under the Airport and Airway Development Act of 1970 (Public Law 91-258; 84 Stat. 219), grants are made to public agencies in the development and improvement, as well as planning, of public airports. Projects supported by airport development and improvement grants include construction of runways and taxiways, purchase of land, provision of runway and taxiway lighting systems, and construction of buildings to house safety equipment. Projects to be supported by airport planning grants include the development of construction plans for regional systems of airports and plans for individual airports. The 60 largest air carrier airports receive the largest proportion of grant funds, but significant amounts are also given to the smaller air carrier airports and general aviation airports.

This request provides \$15 million in obligating authority for new planning grants, \$205 million for airport development grants, and liquidating cash totaling \$92 million to pay for airport development and improvement projects including land acquisition.

Object Classification (in thousands of dollars)			
Identification code	21-20-8106-0-7-501	1970 actual	1971 est. 1972 est.
41.0	Grants, subsidies, and contributions	-----	180,000 220,000
96.0	Obligations previously incurred	-----	132,077 -----
99.0	Total obligations	-----	312,077 220,000

FEDERAL HIGHWAY ADMINISTRATION

Federal Funds

General and special funds:

SALARIES AND EXPENSES

For necessary expenses, not otherwise provided, as authorized by law, of the Federal Highway Administration, including services as authorized by 5 U.S.C. 3109, \$6,000,000, together with not to exceed \$93,147,000 to be transferred from the appropriation for "Federal-Aid Highways (trust fund)", \$2,000,000 to be transferred from the appropriation "Special highway assistance (trust fund)", and \$325,000 to be transferred from the appropriation "Highway related safety grants (Liquidation of Contract Authorization)": Provided, That not to exceed \$22,970,000 of the amount provided herein shall remain available until expended.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code	21-25-0500-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:				
1. Program direction and coordination:				
(a)	Executive direction	548	546	941
(b)	Legal services	1,289	1,292	1,361
(c)	Program review and investigation	4,289	3,589	3,855
(d)	Public affairs	330	159	172
(e)	Civil rights	785	924	1,086
2. General program support:				
(a)	Program and highway planning	266	272	9,874
(b)	Research and development	60	86	13,487
(c)	Administrative support	7,710	9,128	10,050
3. Highway programs:				
(a)	Engineering and traffic operations	-----	-----	15,323
(b)	Right-of-way and environment	-----	-----	1,919
(c)	Field operations	-----	-----	35,669
4. Motor carrier and highway safety:				
(a)	Motor carrier safety	-----	-----	4,249
(b)	Highway safety	-----	-----	3,325
5. Training programs				

Total program costs, funded				

Change in selected resources ¹				

10	Total obligations	15,697	15,996	104,422
Financing:				
Receipts and reimbursements from:				
11	Federal funds	-----	-----	-3,103
13	Trust funds	-13,865	-15,462	-95,364
14	Non-Federal sources	-----	-----	-5
Budget authority				

1,832 534 6,000				
Budget authority:				

40	Appropriation	1,782	513	6,000
40	Pay increase (Public Law 91-305)	31	-----	-----
42	Transferred from other accounts	18	-----	-----

43	Appropriation (adjusted)	1,832	513	6,000
44.20	Proposed supplemental for civilian pay act increases	-----	21	-----

Relation of obligations to outlays:			
71	Obligations incurred, net	1,832	534 6,000
73	Obligated balance transferred, net	-----	----- 423
74	Obligated balance, end of year	-----	----- -473

90	Outlays, excluding pay increase supplemental	1,832	513 5,950
91.20	Outlays from civilian pay act supplemental	-----	21 -----

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$0; 1970, \$420 thousand; 1971, \$420 thousand; (1972 adjustment, \$234 thousand); 1972, \$704 thousand.

Note.—Includes \$86,998 thousand in 1972 for functions previously financed from the appropriation, Motor Carrier Safety, and the limitation on General Expenses (trust fund).

This account provides for the salaries and expenses of the Federal Highway Administration required to conduct and administer Federal-aid and some direct highway programs.

Expenses for planning, operation and administration of the Federal-aid highway programs and highway research are financed by reimbursements from Federal-aid authorizations. Motor carrier safety programs and one-third of the amount for highway-related safety research and development programs are financed by this Federal fund appropriation. Beginning in 1972, the functions formerly financed by the appropriation for Motor carrier safety and by the Limitation on general expenses of the Federal-aid highway (trust fund) account are now carried out under this account.

Administrative services for other programs of the Federal Highway Administration, including highway safety, and for road construction programs of other Federal agencies, are initially financed from this activity and reimbursements are collected from those programs. This account does not cover administrative expenses of highway beautification which are handled by a separate appropriation.

1. *Program direction and coordination.*—(a) Provides overall direction and coordination of the highway transportation mission; (b) provides legal services for all aspects of Federal-aid highway, motor carrier safety, and highway safety programs; (c) develops and administers programs for a continuing audit of claims against Federal funds and a thorough investigation of alleged irregularities in connection with highways programs; (d) plans and directs programs of public affairs and intergovernmental relations; and (e) develops and recommends policies and standards for full and effective implementation of civil rights and equal opportunity procedures for use within the Federal Highway Administration and by recipients of grants-in-aid administered by the Federal Highway Administration. Increases are requested to provide additional personnel to meet the expanding workload in legal services, civil rights, and program review functions.

2. *General program support.*—(a) Formulates policy, multiyear and long-range plans and goals for highway programs and develops data and analyses for current and long-range programing; (b) conducts direct and contract research and development relating to traffic operations, new construction techniques, highway safety, and the social and environmental aspects of highways; and (c) provides organization and management systems, budgeting, accounting, personnel management, training, contracting and procurement, program analysis, administrative services, and computer services for all elements of the Federal Highway Administration. Increases are requested to meet an expanding administrative support workload and the increased cost of common office services provided for all units.

General and special funds—Continued

SALARIES AND EXPENSES—Continued

3. *Highway programs.*—(a) Provides highway engineering guidance to Federal and State agencies and to certain foreign governments and conducts a program to encourage use of modern traffic engineering to increase the traffic-carrying capacity of existing highways and urban streets; (b) assists States, other Federal agencies, and certain foreign countries in right-of-way acquisition and develops procedures for highway location selection and consideration of environmental impacts; and (c) provides program and engineering supervision of the interstate, primary, secondary, and urban highway programs through nine regional and 52 division offices. Increases are requested to expand the urban corridor demonstration program of cooperative highway-mass transportation projects.

4. *Motor carrier and highway safety.*—(a) Develops and executes policy and programs for accomplishment of the motor carrier safety mission in accordance with the Department of Transportation Act, the Interstate Commerce Act, and the Explosives and Combustibles Act; and (b) administers a program of assistance to States and political subdivisions in the establishment of safety programs based on highway-oriented safety standards as provided by the Highway Safety Acts of 1966 and 1970. Increases are requested to provide additional personnel for motor carrier safety field investigation and supervision and to meet expanded workload in hazardous materials activities, and to conduct research and other functions necessary to support highway-oriented safety standards.

5. *Training programs.*—Provides on-the-job training for highway engineers and program managers.

Object Classification (in thousands of dollars)

Identification code 21-25-0500-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	12,136	11,650	59,614
11.3 Positions other than permanent.....	341	285	895
11.5 Other personnel compensation.....	192	180	472
Total personnel compensation.....	12,669	12,115	60,981
12.1 Personnel benefits: Civilian employees.....	996	964	5,006
13.0 Benefits for former personnel.....	10		
21.0 Travel and transportation of persons.....	525	605	4,199
22.0 Transportation of things.....	23	33	427
23.0 Rent, communications, and utilities.....	1,020	1,500	5,550
24.0 Printing and reproduction.....	36	124	489
25.0 Other services.....	224	479	26,116
26.0 Supplies and materials.....	40	76	596
31.0 Equipment.....	154	100	1,108
99.0 Total obligations.....	15,697	15,996	104,472

Personnel Summary

Total number of permanent positions.....	1,023	889	4,107
Full-time equivalent of other positions.....	88	39	110
Average number of all employees.....	1,056	899	4,197
Average GS grade.....	9.6	9.7	10.1
Average GS salary.....	\$13,525	\$13,922	\$14,867

HIGHWAY BEAUTIFICATION (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, sections 131, 136, and 319(b), \$10,000,000, to remain available until expended, together with \$1,300,000 for necessary administrative expenses for carrying out such provisions of title 23, United States Code, as authorized by section 105(a) of the Federal-Aid Highway Act of 1970.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-25-9997-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Landscaping and scenic enhancement.....	8,352	17,458	13,170
2. Control of outdoor advertising and junkyards:			
(a) Outdoor advertising.....	1,976	623	14,030
(b) Junkyards.....	656	2,007	1,500
3. Administrative expenses.....	1,059	588	1,300
Total program costs, funded.....	12,043	20,676	30,000
Change in selected resources ¹	-5,165	-5,160	20,000
10 Total obligations.....	6,877	15,516	50,000
Financing:			
21.49 Unobligated balance available, start of year:			
Contract authority.....	-23,552	-17,733	-57,733
24.49 Unobligated balance available, end of year:			
Contract authority.....	17,733	57,733	74,033
25 Unobligated balance lapsing.....	28		
Budget authority.....	1,087	55,516	66,300
Budget authority:			
40 Appropriation.....	6,100	17,000	11,300
40.49 Appropriation to liquidate contract authority.....	-5,000	-16,500	-10,000
41 Transferred to other accounts ²	-13		
43 Appropriation (adjusted).....	1,087	500	1,300
44.20 Proposed supplemental for civilian pay act increases.....		16	
Contract authority:			
49 Current.....		55,000	
69 Permanent.....			65,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	6,877	15,516	50,000
Obligated balance, start of year:			
72.40 Appropriation.....	48,585	39,950	36,290
72.49 Contract authority.....	1,448	2,267	767
Obligated balance, end of year:			
74.40 Appropriation.....	-39,950	-36,290	-17,590
74.49 Contract authority.....	-2,267	-767	-39,467
77 Adjustments in expired accounts.....	-840		
90 Outlays, excluding pay increase supplemental.....	13,852	20,660	30,000
91.20 Outlays from civilian pay act supplemental.....		16	
Status of Unfunded Contract Authority (in thousands of dollars)			
Unfunded balance, start of year.....	25,000	20,000	58,500
Contract authority.....		55,000	65,000
Unfunded balance, end of year.....	-20,000	-58,500	-113,500
Appropriation to liquidate contract authority:			
	5,000	16,500	10,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$42,195 thousand (1970 adjustment, -\$840 thousand); 1970, \$36,190 thousand; 1971, \$31,030 thousand; 1972, \$51,030 thousand.
² \$13 thousand transferred to the appropriation, Salaries and expenses.

This appropriation provides funds for projects initiated pursuant to the provisions of the Highway Beautification Act of 1965, together with the Federal-Aid Highway Act of 1968 and the Federal-Aid Highway Act of 1970.

The Federal-Aid Highway Act of 1970 provides for completely revised program emphasis to concentrate on the outdoor advertising portion of the program. The primary objective of the new program is to remove all nonconforming outdoor signs along the Nation's interstate and Federal-aid primary highways by 1976. It is

anticipated that the total Federal cost of this effort will aggregate approximately \$300 million.

In its initial stages, about the first 2 years, feasibility projects will be undertaken with particular focus on sign removal in terms of an entire company rather than on the basis of sign-by-sign location as in the past. Preliminary evaluation indicates that such an approach offers the greatest potential for total program success at the least cost. The advantages are: (1) a positive approach to environmental improvement; (2) a time-phased program which generates Federal fund requirements at a realistic level; and (3) the promise of achieving support from the industry and, in particular, the smaller companies.

Success of the 1972 program rests heavily on working directly with the States, their local subdivisions, and the involved industries. Only a cooperative concentrated effort will achieve the goals for removal and control of junkyards and signs on an equitable and timely basis.

A proposed language provision will be submitted to increase the grant obligation limitation contained in the anticipated 1971 appropriation act from \$8.5 million to \$15 million.

Object Classification (in thousands of dollars)

Identification code 21-25-9997-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	824	426	1,060
11.3 Positions other than permanent....	11	5	12
11.5 Other personnel compensation.....	13	6	14
Total personnel compensation....	848	437	1,086
12.1 Personnel benefits: Civilian employees..	65	42	88
21.0 Travel and transportation of persons..	43	26	91
23.0 Rent, communications, and utilities..	22	10	27
25.0 Other services.....	2	-----	2
26.0 Supplies and materials.....	2	1	3
31.0 Equipment.....	2	-----	3
41.0 Grants, subsidies, and contributions...	5,893	15,000	48,700
99.0 Total obligations.....	6,877	15,516	50,000

Personnel Summary

Total number of permanent positions.....	65	45	65
Average number of all employees.....	57	27	62
Average GS grade.....	10.1	10.0	10.1
Average GS salary.....	\$15,023	\$15,311	\$15,477

FOREST HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 204, pursuant to contract authorization granted by title 23, United States Code, section 203, \$15,000,000, to remain available until expended: Provided, That any balances of the sums authorized for prior fiscal years and remaining unobligated at July 1, 1971, are hereby rescinded.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-25-0531-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
Direct program:			
1. Construction.....	22,139	17,808	14,300
2. Administration.....	1,249	800	600
3. Forest Service Administration....	100	100	100
Total, direct program costs, funded.....	23,488	18,708	15,000
Reimbursable program:			
1. Const ruction.....	2,941	3,000	-----
Total program costs, funded..	26,430	21,708	15,000
Change in selected resources ¹	-6,129	9,042	-15,000
10 Total obligations.....	20,301	30,750	-----

Financing:

Receipts and reimbursements from:			
11 Federal funds.....	-2,433	-2,866	-----
13 Trust funds.....	-76	-90	-----
14 Non-Federal sources ²	-38	-44	-----
21.49 Unobligated balance available, start of year: Contract authority.....	-50,602	-65,848	-38,098
24.49 Unobligated balance available, end of year: Contract authority.....	65,848	38,098	-----
Budget authority.....	33,000	-----	-38,098
Budget authority:			
40 Appropriation.....	25,000	17,500	15,000
40.49 Appropriation to liquidate contract authority.....	-25,000	-17,500	-15,000
43 Appropriation (adjusted).....	-----	-----	-----
49 Unobligated balance of contract authority rescinded.....	-----	-----	-38,098
69 Contract authority (permanent) (80 Stat. 734).....	33,000	-----	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	17,754	27,750	-----
Obligated balance, start of year:			
72.40 Appropriation.....	1,177	1,208	-----
72.49 Contract authority.....	27,348	20,102	30,352
Obligated balance, end of year:			
74.40 Appropriation.....	-1,208	-----	-----
74.49 Contract authority.....	-20,102	-30,352	-15,352
90 Outlays.....	24,969	18,708	15,000

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	77,950	85,950	68,450
Contract authority.....	33,000	-----	-----
Unobligated balance of contract authority rescinded.....	-----	-----	-38,098
Unfunded balance, end of year.....	-85,950	-68,450	-15,352
Appropriation to liquidate contract authority.....			
	25,000	17,500	15,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$24,673 thousand; 1970, \$18,545 thousand; 1971, \$27,587 thousand; 1972, \$12,587 thousand.
² Reimbursement from non-Federal sources are derived from State agencies (23 U.S.C. 308 (a-b)).

Main highways within or adjacent to national forests are constructed and improved with these funds. Beginning in 1972, all functions of this program will be undertaken with funds authorized from the Highway Trust Fund as provided by the Federal-aid Highway Act of 1970. The July 1, 1971, unobligated balance of contract authorization in the amount of \$38,098 thousand will be rescinded by proposed appropriation language.

Object Classification (in thousands of dollars)

Identification code 21-25-0531-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	4,089	4,293	-----
11.3 Positions other than permanent....	256	269	-----
11.5 Other personnel compensation.....	163	171	-----
Total personnel compensation....	4,508	4,733	-----
Direct program:			
Personnel compensation.....			
12.1 Personnel benefits: Civilian employees..	214	225	-----
21.0 Travel and transportation of persons..	597	597	-----
22.0 Transportation of things.....	137	137	-----
23.0 Rent, communications, and utilities..	95	95	-----
24.0 Printing and reproduction.....	21	21	-----
25.0 Other services.....	1,561	2,012	-----
26.0 Supplies and materials.....	380	380	-----
31.0 Equipment.....	573	575	-----
41.0 Grants, subsidies, and contributions...	11,367	20,775	-----
42.0 Insurance claims and indemnities.....	25	-----	-----
Total direct obligations.....	17,754	27,750	-----

General and special funds—Continued

FOREST HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)—Continued

Object Classification (in thousands of dollars)—Continued

Identification code 21-25-0531-0-1-503	1970 actual	1971 est.	1972 est.
Reimbursable program:			
Personnel compensation.....	1,724	1,800	-----
12.1 Personnel benefits: Civilian employees.....	143	150	-----
21.0 Travel and transportation of persons.....	121	121	-----
22.0 Transportation of things.....	28	28	-----
23.0 Rent, communications, and utilities.....	19	19	-----
24.0 Printing and reproduction.....	4	4	-----
25.0 Other services.....	316	685	-----
26.0 Supplies and materials.....	77	77	-----
31.0 Equipment.....	116	116	-----
Total reimbursable obligations.....	2,547	3,000	-----
99.0 Total obligations.....	20,301	30,750	-----

Personnel Summary

Total number of permanent positions.....	428	428	-----
Full-time equivalent of other positions.....	59	59	-----
Average number of all employees.....	469	469	-----
Average GS grade.....	7.5	7.6	-----
Average GS salary.....	\$10,137	\$10,335	-----

PUBLIC LANDS HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-25-0526-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Construction.....	9,136	10,560	2,880
2. Administration.....	369	440	120
Total program costs, funded.....	9,506	11,000	3,000
Change in selected resources ¹	-5,375	2,000	-3,000
10 Total obligations.....	4,131	13,000	-----
Financing:			
21.49 Unobligated balance available, start of year: Contract authority.....	-27,768	-39,637	-26,637
24.49 Unobligated balance available, end of year: Contract authority.....	39,637	26,637	-----
Budget authority.....	16,000	-----	-26,637
Budget authority:			
40 Appropriation.....	7,000	14,000	-----
40.49 Appropriation to liquidate contract authority.....	-7,000	-14,000	-----
43 Appropriation (adjusted).....	-----	-----	-----
49 Unobligated balance of contract authority rescinded.....	-----	-----	-26,637
69 Contract authority (permanent) (80 Stat. 734).....	16,000	-----	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	4,131	13,000	-----
Obligated balance, start of year:			
72.40 Appropriation.....	4,975	2,358	5,358
72.49 Contract authority.....	9,532	6,663	5,663
Obligated balance, end of year:			
74.40 Appropriation.....	-2,358	-5,358	-2,358
74.49 Contract authority.....	-6,663	-5,663	-5,663
90 Outlays.....	9,616	11,000	3,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$13,776 thousand; 1970, \$8,401 thousand; 1971, \$10,401 thousand; 1972, \$7,401 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year.....	37,300	46,300	32,300
Contract authority.....	16,000	-----	-----
Unobligated balance of contract authority rescinded.....	-----	-----	-26,637
Unfunded balance, end of year.....	-46,300	-32,300	-5,663
Appropriation to liquidate contract authority.....	7,000	14,000	-----

Highways are constructed and improved through public lands in States with large areas of such lands. Beginning in 1972, all functions of this program will be undertaken with funds authorized from the Highway Trust Fund as provided by the Federal-Aid Highway Act of 1970. The July 1, 1971, unobligated balance of contract authorization in the amount of \$26,637 thousand will be rescinded by proposed appropriation language.

Object Classification (in thousands of dollars)

Identification code 21-25-0526-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	310	325	-----
11.3 Positions other than permanent.....	18	19	-----
11.5 Other personnel compensation.....	24	25	-----
Total personnel compensation.....	352	369	-----
12.1 Personnel benefits: Civilian employees.....	27	28	-----
21.0 Travel and transportation of persons.....	57	57	-----
22.0 Transportation of things.....	27	27	-----
23.0 Rent, communications, and utilities.....	9	9	-----
25.0 Other services.....	428	659	-----
26.0 Supplies and materials.....	4	4	-----
41.0 Grants, subsidies, and contributions.....	3,226	11,846	-----
99.0 Total obligations.....	4,131	13,000	-----

Personnel Summary

Total number of permanent positions.....	23	23	-----
Full-time equivalent of other positions.....	4	4	-----
Average number of all employees.....	27	27	-----
Average GS grade.....	7.5	7.6	-----
Average GS salary.....	\$10,137	\$10,335	-----

MOTOR CARRIER SAFETY

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-25-0552-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Operations.....	2,483	3,356	-----
2. Research and development.....	-----	144	-----
Total program costs, funded.....	2,483	3,500	-----
Change in selected resources ¹	27	209	-----
10 Total obligations.....	2,510	3,709	-----
Financing:			
Budget authority.....	2,510	3,709	-----
Budget authority:			
40 Appropriation.....	2,473	3,580	-----
40 Pay increase (Public Law 91-305).....	37	-----	-----
41 Transferred to other accounts.....	-----	-1	-----
43 Appropriation (adjusted).....	2,510	3,580	-----
44.20 Proposed supplemental for civilian pay act increases.....	-----	129	-----

Relation of obligations to outlays:			
71	Obligations incurred, net.....	2,510	3,709
72	Obligated balance, start of year.....	99	214
73	Obligated balance transferred, net.....		423
74	Obligated balance, end of year.....	-214	-423
77	Adjustments in expired accounts.....	-3	
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90	Outlays, excluding pay increase supplemental.....	2,392	3,371
91.20	Outlays from civilian pay act supplemental.....		129

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$1 thousand (1970 adjustments, -\$3 thousand); 1970, \$25 thousand; 1971, \$234 thousand (1972 adjustments, -\$234 thousand); 1972, \$0.

This account is consolidated with the appropriation, Salaries and expenses in 1972, and the functions formerly carried out under this appropriation are transferred to that appropriation.

Object Classification (in thousands of dollars)

Identification code 21-25-0552-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1	Permanent positions.....	1,926	2,464
11.3	Positions other than permanent.....	7	22
11.5	Other personnel compensation.....	1	15
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	Total personnel compensation.....	1,933	2,501
12.1	Personnel benefits: Civilian employees.....	167	207
13.0	Benefits for former personnel.....	7	
21.0	Travel and transportation of persons.....	257	373
22.0	Transportation of things.....	12	18
23.0	Rent, communications, and utilities.....	55	99
24.0	Printing and reproduction.....	11	17
25.0	Other services.....	19	439
26.0	Supplies and materials.....	14	14
31.0	Equipment.....	34	41
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99.0	Total obligations.....	2,510	3,709

Personnel Summary

Total number of permanent positions.....	179	201
Full-time equivalent of other positions.....	2	4
Average number of all employees.....	155	190
Average GS grade.....	10.4	10.2
Average GS salary.....	\$12,944	\$13,008

DARIEN GAP HIGHWAY

For necessary expenses for construction of the Darien Gap Highway in accordance with the provisions of section 216 of title 23 of the United States Code, \$20,000,000, to remain available until expended.

Program and Financing (in thousands of dollars)

Identification code 21-25-0553-0-1-152	1970 actual	1971 est.	1972 est.
Program by activities:			
1.	Design and construction.....		730
2.	Administration.....		
<hr/>			
	Total program costs, funded.....		730
	Change in selected resources ¹		19,270
10	Total obligations.....		20,000
<hr/>			
Financing:			
40	Budget authority (appropriation).....		20,000
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Relation of obligations to outlays:			
71	Obligations incurred, net.....		20,000
74	Obligated balance, end of year.....		-19,270
90	Outlays.....		730

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$19,270 thousand.

The United States in cooperation with the Republic of Panama and the Government of Colombia will participate in the construction of approximately 250 miles of highway through the Darien Gap.

It is estimated that the total cost of the highway will be \$150 million with the United States participating up to \$100 million and the remaining \$50 million being supplied by Colombia and Panama. Completion of the highway will take 10 years; however, it is contemplated that a passable all-weather gravel surface will be in use by 1976.

This highway will connect the Inter-American Highway of Central America with the Pan-American Highway System of South America, creating a single, cohesive network stretching from Alaska to every South American country. A 1971 supplemental of \$5 million is being requested.

Object Classification (in thousands of dollars)

Identification code 21-25-0553-0-1-152	1970 actual	1971 est.	1972 est.
Personnel compensation: Permanent positions:			
11.1	Personnel compensation: Permanent positions.....		482
12.1	Personnel benefits: Civilian employees.....		117
21.0	Travel and transportation of persons.....		60
22.0	Transportation of things.....		20
23.0	Rent, communications, and utilities.....		30
25.0	Other services.....		5
26.0	Supplies and materials.....		3
31.0	Equipment.....		13
32.0	Lands and structures.....		19,270
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99.0	Total obligations.....		20,000

Personnel Summary

Total number of permanent positions.....	50
Average number of all employees.....	38
Average GS grade.....	9.6
Average GS salary.....	\$14,833

Proposed for separate transmittal, existing legislation:

DARIEN GAP HIGHWAY

Program and Financing (in thousands of dollars)

Identification code 21-25-0553-1-1-152	1970 actual	1971 est.	1972 est.
Program by activities:			
1.	Design and construction.....	700	3,270
2.	Administration.....	300	
<hr/>			
	Total program costs, funded.....	1,000	3,270
	Change in selected resources ¹	4,000	-3,270
10	Total obligations.....	5,000	
<hr/>			
Financing:			
40	Budget authority (proposed supplemental appropriation).....	5,000	
<hr/>			
Relation of obligations to outlays:			
71	Obligations incurred, net.....	5,000	
72	Obligated balance, start of year.....		4,000
74	Obligated balance, end of year.....	-4,000	-730
90	Outlays.....	1,000	3,270

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1970, \$0; 1971, \$4,000 thousand; 1972, \$730 thousand.

An initial request of \$5,000 thousand is being requested as a 1971 supplemental appropriation to begin construction of the Darien Gap Highway.

General and special funds—Continued

HIGHWAY-RELATED SAFETY GRANTS (LIQUIDATION OF CONTRACT AUTHORITY)

For the payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 402, \$2,000,000, to remain available until expended, administered by the Federal Highway Administration, together with \$4,000,000 to be transferred from the appropriation for "Federal-Aid Highways (trust fund)".

Program and Financing (in thousands of dollars)

Identification code 21-25-0554-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. State and community grants.....	-----	-----	1,892
2. Administration of grant programs.....	-----	-----	108
Total program costs, funded.....	-----	-----	2,000
Change in selected resources ¹	-----	-----	8,000
10 Total obligations.....	-----	-----	10,000
Financing:			
13 Receipts and reimbursements from:			
Trust funds.....	-----	-----	-6,667
21.49 Unobligated balance available, start of year: Contract authority.....	-----	-----	-10,000
24.49 Unobligated balance available, end of year: Contract authority.....	-----	10,000	16,667
Budget authority.....	-----	10,000	10,000
Budget authority:			
40 Appropriation.....	-----	-----	2,000
40.49 Appropriation to liquidate contract authority.....	-----	-----	-2,000
43 Appropriation (adjusted).....	-----	-----	-----
Contract authority:			
49 Current.....	-----	10,000	-----
69 Permanent.....	-----	-----	10,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-----	-----	3,333
74.49 Obligated balance, end of year: Contract authority.....	-----	-----	-1,333
90 Outlays.....	-----	-----	2,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$8,000 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year.....	-----	-----	10,000
Contract authority.....	-----	10,000	10,000
Unfunded balance, end of year.....	-----	-10,000	-18,000
Appropriation to liquidate contract authority.....	-----	-----	2,000

The Federal-Aid Highway Act of 1970 authorized contract authority for highway-related safety grants of \$30 million for each of the years 1972 and 1973. The States are required to match the Federal grants. A \$10 million obligation level and \$6 million in outlays is contemplated in 1972. Two-thirds of the funds are to be provided from the Highway trust fund and one-third from the General fund. Contract authority is available 1 year in advance of the year for which authorized.

These funds provide grants to assist States and localities in implementing the highway safety standards specifically administered by the Federal Highway Administration.

These standards relate to traffic control devices, highway construction and maintenance, accident location surveillance, and highway-related pedestrian safety.

Object Classification (in thousands of dollars)

Identification code 21-25-0554-0-1-503	1970 actual	1971 est.	1972 est.
25.0 Other services.....	-----	-----	325
41.0 Grants, subsidies, and contributions.....	-----	-----	9,675
99.0 Total obligations.....	-----	-----	10,000

RAIL CROSSINGS—DEMONSTRATION PROJECTS

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 322, \$7,000,000 to remain available until expended, together with \$3,000,000 to be transferred from the appropriation for "Special highway assistance (trust fund)".

Program and Financing (in thousands of dollars)

Identification code 21-25-0555-0-1-503	1970 actual	1971 est.	1972 est.
Program by activity:			
Rail crossings—			
Demonstration projects (program costs, funded).....	-----	-----	3,000
Change in selected resources ¹	-----	-----	7,000
10 Total obligations (object class 41.0).....	-----	-----	10,000
Financing:			
13 Receipts and reimbursements from: Trust fund.....	-----	-----	-3,000
40 Budget authority (appropriation).....	-----	-----	7,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-----	-----	7,000
74 Obligated balance, end of year.....	-----	-----	-4,000
90 Outlays.....	-----	-----	3,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$7,000 thousand.

Section 322 of title 23, U.S.C., as added by the Federal-Aid Highway Act of 1970, authorizes the Secretary to carry out a demonstration project for the elimination of all public ground-level rail-highway crossings along the route of high-speed ground transportation demonstration projects between Washington, D.C., and Boston, Mass., and in the vicinity of Greenwood, S.C. The authorization provides for the appropriation of not to exceed \$22 million from general funds and \$9 million from the Highway trust fund.

Subsection (c)1 provides Federal payment from the Highway trust fund of 90% if the highway involved is on any Federal-aid system, and the railroad's share of such costs will be 10%. Subsection (c)2 provides Federal payment from general funds of the Treasury of 80% if the highway involved is not on any Federal-aid system, the railroad's share is to be 10%, and the remaining 10% of such costs shall be paid by the State in which the crossing is located.

TERRITORIAL HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORITY)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 215, including services as authorized by 5 U.S.C. 3109, \$1,200,000, to remain available until expended.

Program and Financing (in thousands of dollars)

Identification code	21-25-0556-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:				
	1. Territorial highways.....			3,831
	2. Administration.....			169
10	Total program costs, funded—obligations.....			4,000
Financing:				
21.49	Unobligated balance available, start of year: Contract authority.....			-4,420
24.49	Unobligated balance available, end of year: Contract authority.....		4,420	4,920
	Budget authority		4,420	4,500
Budget authority:				
40	Appropriation.....			1,200
40.49	Appropriation to liquidate contract authority.....			-1,200
43	Appropriation (adjusted)			
Contract authority:				
49	Current.....		4,420	
69	Permanent (84 Stat. 1720).....			4,500
Relation of obligations to outlays:				
71	Obligations incurred, net.....			4,000
Obligated balance, end of year:				
74.40	Appropriation.....			-200
74.49	Contract authority.....			-2,800
90	Outlays.....			1,000
Status of Unfunded Contract Authority (in thousands of dollars)				
	Unfunded balance, start of year.....			4,420
	Contract authority.....		4,420	4,500
	Unfunded balance, end of year.....		-4,420	-7,720
	Appropriation to liquidate contract authority			1,200

A 1971 supplemental appropriation of \$80 thousand is being requested.

Object Classification (in thousands of dollars)

Identification code	21-25-0556-0-1-503	1970 actual	1971 est.	1972 est.
11.1	Personnel compensation: Permanent positions.....			85
12.1	Personnel benefits: Civilian employees.....			28
21.0	Travel and transportation of persons.....			10
23.0	Rent, communications, and utilities.....			2
25.0	Other services.....			39
26.0	Supplies and materials.....			2
31.0	Equipment.....			3
41.0	Grants, subsidies, and contributions.....			3,831
99.0	Total obligations.....			4,000

Personnel Summary

Total number of permanent positions.....	4
Average number of all employees.....	4
Average GS grade.....	14.5
Average GS salary.....	\$21,264

Proposed for separate transmittal, existing legislation:

TERRITORIAL HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORITY)

Program and Financing (in thousands of dollars)

Identification code	21-25-0556-1-1-503	1970 actual	1971 est.	1972 est.
Program by activities:				
10	Administration (costs—obligations).....		80	
Financing:				
40	Budget authority (proposed supplemental appropriation)		80	
Relation of obligations to outlays:				
71	Obligations incurred, net.....		80	
90	Outlays.....		80	

A supplemental appropriation of \$80 thousand is requested for 1971 to initiate administration and planning of the new territorial highways program.

FEDERAL HIGHWAY ADMINISTRATION MISCELLANEOUS ACCOUNTS

Program and Financing (in thousands of dollars)

Identification code	21-25-9999-0-1-999	1970 actual	1971 est.	1972 est.
Program by activities:				
Direct program:				
	1. Inter-American highway.....	3,701	3,521	2,181
	2. Alaska assistance.....	56	4,000	769
	3. Construction, operation, and maintenance of roads, Alaska.....	232		
	4. Chamizal Memorial highway.....	157	1,000	4,000
	Total direct program costs, funded.....	4,146	8,521	6,950
Reimbursable program:				
	Alaska assistance.....	28	205	
	Total program costs, funded.....	4,174	8,726	6,950
	Change in selected resources ¹	1,374	-140	-6,776
10	Total obligations.....	5,548	8,586	174

Grants are authorized by 23 U.S.C. 215, subsection (a) to assist the territorial governments of the Virgin Islands, Guam, and American Samoa for the improvement of highways. Grants are provided to assist each territorial government in a program for the construction and improvement of a system of arterial highways, and necessary inter-island connectors, as designated by the Governor of such territory and approved by the Secretary. Federal financial assistance shall be granted upon the basis of a Federal contribution of 70% of the cost of any project.

In order to establish a long-range highway development program, the Secretary is authorized to provide technical assistance for the establishment of an appropriate agency in the territorial governments to administer highway planning, design, construction and maintenance operations, the development of a system of arterial and collector highways and the establishment of advance acquisition of right-of-way and relocation assistance programs.

Contract authority of \$2 million per fiscal year for the Virgin Islands for the years 1971, 1972, and 1973; \$2 million per fiscal year for Guam for the years 1971, 1972, and 1973; and \$500 thousand per fiscal year for American Samoa for the years 1971, 1972, and 1973 was authorized by the Federal-Aid Highway Act of 1970. Contract authority is available in the year for which authorized.

General and special funds—Continued

FEDERAL HIGHWAY ADMINISTRATION MISCELLANEOUS
ACCOUNTS—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 21-25-9999-0-1-999	1970 actual	1971 est.	1972 est.
Financing:			
11 Receipts and reimbursements from:			
Federal funds.....	-795	-205	-----
21 Unobligated balance available, start of year	-9,342	-8,821	-174
24 Unobligated balance available, end of year	8,821	174	-----
25 Unobligated balance lapsing.....	-----	266	-----
Unobligated balance restored.....	-232	-----	-----
40 Budget authority (appropriation).....	4,000	-----	-----
Distribution of budget authority by account:			
Chamizal Memorial Highway.....	4,000	-----	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	4,753	8,382	174
72 Obligated balance, start of year.....	14,072	14,596	14,457
74 Obligated balance, end of year.....	-14,596	-14,457	-7,681
90 Outlays.....	4,230	8,521	6,950
Distribution of outlays by account:			
Inter-American Highway.....	3,818	3,521	2,181
Alaska assistance.....	26	4,000	769
Construction, operation, and maintenance of roads, Alaska.....	232	-----	-----
Chamizal Memorial Highway.....	154	1,000	4,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$13,057 thousand; 1970, \$14,432 thousand; 1971, \$14,292 thousand; 1972, \$7,516 thousand.

This account includes continuation of work on the Inter-American Highway as authorized by the Federal-Aid Highway Act of 1962 (76 Stat. 1146); the Alaska assistance program authorized by the Federal-Aid Highway Act of 1966 (80 Stat. 768); and the Chamizal Memorial Highway program authorized by Public Law 89-795 of November 8, 1966. Funds for these programs were appropriated in prior years. No new funds are being requested for 1972.

Object Classification (in thousands of dollars)

Identification code 21-25-9999-0-1-999	1970 actual	1971 est.	1972 est.
FEDERAL HIGHWAY ADMINISTRATION			
Direct program:			
Personnel compensation:			
11.1 Permanent positions.....	191	238	-----
11.5 Other personnel compensation.....	3	3	-----
Total personnel compensation.....	194	241	-----
12.1 Personnel benefits: Civilian employees.....	33	35	-----
13.0 Benefits of former personnel.....	2	-----	-----
21.0 Travel and transportation of persons.....	9	9	-----
23.0 Rent, communications, and utilities.....	9	9	-----
25.0 Other services.....	46	47	-----
26.0 Supplies and materials.....	3	3	-----
31.0 Equipment.....	1	1	-----
32.0 Lands and structures.....	4,144	7,570	57
41.0 Grants, subsidies, and contributions.....	156	-----	-----
Total, direct obligations.....	4,595	7,915	57
Reimbursable program:			
25.0 Other services.....	795	205	-----
ALLOCATION TO DEPARTMENT OF STATE, INTERNATIONAL BOUND- ARY AND WATER COMMISSION			
11.1 Personnel compensation: Permanent positions.....	44	44	20

12.1 Personnel benefits: Civilian employees.....	4	4	2
21.0 Travel and transportation of persons.....	1	1	1
22.0 Transportation of things.....	1	-----	-----
23.0 Rent, communications, and utilities.....	2	2	1
25.0 Other services.....	1	1	1
32.0 Lands and structures.....	105	414	92
Total obligations, Department of State.....			
	158	466	117
99.0 Total obligations.....	5,548	8,586	174

Personnel Summary

FEDERAL HIGHWAY
ADMINISTRATION

Total number of permanent positions.....	32	25	-----
Average number of all employees.....	26	20	-----
Average GS grade.....	9.8	9.6	-----
Average GS salary.....	\$14,081	\$14,613	-----

ALLOCATION TO DEPARTMENT OF
STATE, INTERNATIONAL BOUND-
ARY AND WATER COMMISSION

Total number of permanent positions.....	3	3	2
Full-time equivalent of other positions.....	2	2	2
Average number of all employees.....	2	2	2
Average grade, grades established by the Secretary of State, equivalent to GS grades.....	9.7	9.7	9.7
Average salary, grades established by the Sec- retary of State, equivalent to GS grades.....	\$12,000	\$12,667	\$13,267

ALLOCATIONS RECEIVED FROM OTHER ACCOUNTS

Note.—Obligations incurred under allocations from other accounts are included in the schedules of parent appropriations as follows:

Department of Transportation:
 Federal Aviation Administration, "Construction, National Capital Air-
 ports."
 Federal Railroad Administration, "High Speed Ground Transportation,
 Research and Development."
 Urban Mass Transportation Administration, "Urban Mass Transporta-
 tion Fund."
Appalachian Regional Commission: "Appalachian regional development
program."
Department of Agriculture: Forest Service, "Forest roads and trails (liquida-
tion of contract authority)."
Department of Commerce: "Development facilities, economic development
assistance."
Department of Defense—Military:
 Military construction—Navy.
 Military construction—Naval Reserve.
 Military construction—Army.
 Operation and maintenance—Air Force.
 Military construction—Air Force.
Department of the Interior:
 Bureau of Land Management:
 "Oregon and California Grant Lands."
 "Expenses, Public Lands Administration Act."
 "Public Lands Development, Roads and Trails."
 Bureau of Indian Affairs, "Road construction (liquidation of contract
 authority)."
 National Park Service, "Parkway and road construction (liquidation of
 contract authority)."
 Bureau of Reclamation, "Construction of recreational and fish and wild-
 life facilities."
 Bureau of Sport Fisheries and Wildlife:
 "Construction of recreational and fish and wildlife facilities."
 "Construction, Bureau of Sport Fisheries and Wildlife."
National Aeronautics and Space Administration, "Construction of facilities."

Intragovernmental funds:

ADVANCES AND REIMBURSEMENTS

Program and Financing (in thousands of dollars)

Identification code 21-25-3902-0-4-503	1970 actual	1971 est.	1972 est.
Relation of obligations to outlays:			
71 Obligations incurred, net.....	-----	-----	-----
72 Obligated balance, start of year.....	8	7	7
74 Obligated balance, end of year.....	-7	-7	-6
90 Outlays.....	1	1	1

Trust Funds

LIMITATION ON GENERAL EXPENSES (TRUST FUND)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Program direction and coordination.....	459	500	-----
2. Program development:			
(a) Engineering and operations.....	3,926	4,035	-----
(b) Traffic operations.....	2,028	6,041	-----
(c) Highway planning.....	3,592	5,211	-----
(d) Right-of-way and location.....	1,503	1,737	-----
(e) Research and development.....	12,389	13,633	-----
(f) Highway safety.....	-----	305	-----
3. Program operations.....	34,047	37,535	-----
4. Training programs.....	3,168	3,064	-----
Total program costs, funded.....	61,112	72,061	-----
Change in selected resources.....	2,258	-----	-----
Total obligations.....	63,370	72,061	-----
Financing:			
Limitation.....	62,202	69,460	-----
Pay increase (Public Law 91-305).....	1,168	-----	-----
Proposed increase due to civilian pay act increases.....	-----	2,601	-----

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$13,668 thousand; 1970, \$15,926 thousand; 1971, \$15,926 thousand; 1972, \$0.

Beginning in 1972, the functions formerly conducted under this limitation account will be carried out by reimbursement from the appropriation, Federal-aid highways (trust fund), to the appropriation, Salaries and expenses, of the Federal Highway Administration.

Object Classification (in thousands of dollars)

Identification code 21-25-8102-0-7-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	40,442	43,030	-----

Program and Financing (in thousands of dollars)

Identification code 21-25-8102-0-7-503	1970 actual	1971 estimate	1972 estimate
Program by activities:			
Direct program:			
1. Grants for construction:			
(a) Interstate system.....	3,080,139	3,145,239	3,000,000
(b) Primary system.....	453,967	478,710	413,452
(c) Secondary system.....	282,497	319,140	275,640
(d) Urban extension highways.....	251,077	265,950	275,000
(e) Urban system.....	-----	-----	50,000
(f) Traffic Operations in Urban Areas (TOPICS) program.....	1,006	96,015	200,000
(g) Primary and secondary system in rural areas.....	23,655	122,140	50,000
(h) Bridge replacement.....	-----	-----	50,000
(i) Economic growth center highways.....	-----	-----	10,000
(j) Emergency relief.....	56,773	50,000	80,000
(k) Bridges over dams.....	38	908	3,761
2. Highway-related safety grants.....	-----	-----	6,667
3. Grants for planning and research.....	78,250	67,680	80,000
4. Administration and research.....	73,103	84,218	93,147
Total direct program costs, funded.....	4,300,505	4,630,000	4,587,667
Reimbursable program:			
1. Grants for construction.....	4,019	16,695	17,000
2. Administration and research:			
Department of Agriculture.....	62	30	-----
Department of Defense.....	104	100	-----
Department of the Interior.....	1,126	385	-----
Department of Transportation.....	509	30	-----
Federal Highway Administration:			
Forest highways.....	1,239	1,800	-----
Public lands highways.....	369	600	-----

11.3 Positions other than permanent.....	519	585	-----
11.5 Other personnel compensation.....	320	252	-----
Total personnel compensation.....	41,281	43,867	-----
12.1 Personnel benefits: Civilian employees.....	3,591	3,630	-----
13.0 Benefits for former personnel.....	8	-----	-----
21.0 Travel and transportation of persons.....	2,472	2,912	-----
22.0 Transportation of things.....	345	373	-----
23.0 Rent, communications, and utilities.....	2,681	3,128	-----
24.0 Printing and reproduction.....	261	264	-----
25.0 Other services.....	12,079	16,573	-----
26.0 Supplies and materials.....	259	359	-----
31.0 Equipment.....	393	955	-----
93.0 Administrative expenses included in schedule for funds as a whole.....	-63,370	-72,061	-----
99.0 Total obligations.....	-----	-----	-----

Personnel Summary

Total number of permanent positions.....	2,858	2,970	-----
Full-time equivalent of other positions.....	114	67	-----
Average number of all employees.....	2,882	2,963	-----
Average GS Grade.....	10.2	10.2	-----
Average GS salary.....	\$14,873	\$15,130	-----

FEDERAL-AID HIGHWAYS (TRUST FUND)

For carrying out the provisions of title 23, United States Code, which are attributable to Federal-aid highways, including reimbursement for sums expended pursuant to the provisions of section 2 of the Pacific Northwest Disaster Relief Act of 1965 (79 Stat. 131), reimbursement for sums expended pursuant to the provisions of section 21 of the Alaska Omnibus Act, as amended (78 Stat. 505), and for carrying out by the Federal Highway Administration programs authorized by section 402 of title 23, United States Code, \$4,674,000,000, or so much thereof as may be available in and derived from the "Highway trust fund", to remain available until expended.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

FEDERAL-AID HIGHWAYS (TRUST FUND)—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 21-25-8102-0-7-503		1970 actual	1971 estimate	1972 estimate
Program by activities—Continued				
Reimbursable program—Continued				
2. Administration and research—Continued				
Miscellaneous:				
	Other Federal agencies	345	355	-----
	Non-Federal sources	9	5	-----
	Total, reimbursable program costs	7,780	20,000	17,000
	Total program costs, funded	4,308,285	4,650,000	4,604,667
	Change in selected resources ¹	457,503	-----	-----
10	Total obligations	4,765,788	4,650,000	4,604,667
Financing:				
Receipts and reimbursements from:				
11	Federal funds	-6,257	-19,980	-16,985
14	Non-Federal sources (23 U.S.C. 308 (a-b))	-13	-20	-15
21.49	Unobligated balance available, start of year: Contract authority	-4,164,261	-4,879,096	-5,852,857
24.49	Unobligated balance available, end of year: Contract authority	4,879,096	5,852,857	6,965,190
25.49	Unobligated balance lapsing: Contract authority	646	-----	-----
	Budget authority	5,475,000	5,603,761	5,700,000
Budget authority:				
40	Appropriation	4,419,279	4,351,365	4,674,000
40.49	Appropriation to liquidate contract authority	-4,419,279	-4,351,365	-4,674,000
43	Appropriation (adjusted)	-----	-----	-----
Contract authority:				
49	Current	-----	1,553,761	-----
69	Permanent	5,475,000	4,050,000	5,700,000
Relation of obligations to outlays:				
71	Obligations incurred, net	4,759,518	4,630,000	4,587,667
Obligated balance, start of year:				
72.40	Appropriation	8,040	52,146	-----
72.49	Contract authority	7,093,993	7,434,232	7,712,867
Obligated balance, end of year:				
74.40	Appropriation	-52,146	-----	-----
74.49	Contract authority	-7,434,232	-7,712,867	-7,626,534
90	Outlays	4,375,173	4,403,511	4,674,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$6,384,795 thousand (1970 adjustment, -\$386 thousand); 1970, \$6,841,911 thousand; 1971, \$6,841,911 thousand; 1972, \$6,841,911 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year	11,258,254	12,313,329	13,565,725
Contract authority	5,475,000	5,603,761	5,700,000
Administrative cancellation of contract authority	-646	-----	-----
Unfunded balance, end of year	-12,313,329	-13,565,725	-14,591,725
Transfer from Highway trust fund to liquidate contract authority	4,419,279	4,351,365	4,674,000

Grants are made to States for construction and improvement of Federal-aid highways. Contract authorizations are provided in the Federal-Aid Highway Act of 1956 and subsequent highway legislation to cover 90% of the costs of completing the 42,500-mile National System of Interstate and Defense Highways, and to match State funds on a 50-50 basis for the primary, secondary, and urban programs. The Federal share of project costs is increased in those States with large areas of public domain. Payments

to the States for work done are made out of the Highway trust fund, into which are deposited certain percentages of tax receipts on motor fuel, tires and tubes, tread rubber, trucks, buses, trailers, truck use, truck parts and accessories, and on lubricating oil used in highway vehicles.

The Federal-Aid Highway Act of 1968 provided contract authorizations of \$4 billion for each of the years 1971, 1972, and 1973 for the continued construction of the Interstate Highway System. The Federal-Aid Highway Act of 1970 provided \$1.1 billion for each of the years 1972 and 1973 to continue the Federal-aid primary, secondary, and urban programs; \$100 million for each of the years 1972 and 1973 to continue traffic operations projects in urban areas (TOPICS); \$125 million in each of the years 1972 and 1973 for the Federal-aid primary and secondary systems in rural areas; and \$30 million in 1972 and 1973 for grants to States for highway safety functions under the Highway Safety Act of 1970 administered by the Federal Highway Administration, of which \$10 million is financed from General funds and \$20 million from the Highway

trust fund. Additional Interstate contract authorizations of \$55 million in each of the years 1972 and 1973 were provided to insure that each State receives at least one-half of 1% of apportioned interstate funds. These contract authorizations are available for obligation in the fiscal year preceding the year for which authorized.

The act further provided contract authorizations of \$100 million in 1972 to initiate a special bridge replacement program; and \$50 million in 1972 to promote and develop economic growth centers through the construction of economic growth center development highways. These contract authorizations are available in the year authorized.

The latest cost estimate to complete the Interstate System is \$62.5 billion, which is \$11.86 billion more than previously estimated. Congress approved contract authorizations through 1976 providing an additional \$9.775 billion of this increase. Congress also provided an extension of the termination date of the Highway trust fund and revenues to September 30, 1977.

A 1971 supplemental appropriation of liquidating cash is being requested to make payments for obligations incurred under contract authority.

As of October 1, 1970, 30,595 miles of the 42,500-mile Interstate System were open to traffic. Most of the mileage, exclusive of toll roads, was built or improved under the Federal-aid interstate program, under the 90% Federal, 10% State matching program launched in 1956. Toll roads, bridges, and tunnels incorporated in the system totaled 2,311 miles. In addition to the sections open to traffic, 4,853 miles were under construction with Interstate funds, and engineering or right-of-way acquisition was in progress on another 5,393 miles. Thus, some form of work was under construction or completed on 40,841 miles of the 42,500-mile system—about 96% of the total system mileage.

Construction projects involving 257,203 miles in the regular Federal-aid program (primary, secondary, and urban) have been completed since July 1, 1956, at a total cost of \$22.04 billion; and contracts involving 15,150 miles at a cost of \$4.3 billion were authorized or underway on October 1, 1970. In addition, \$1.76 billion of engineering and right-of-way acquisition work had been completed, and \$870 million was underway.

Actual and estimated progress of Federal-aid programs are summarized in the following table:

PAYMENTS UNDER CONTRACT AUTHORITY

[Dollars in thousands]

Fiscal year:	Contract authority ¹	Unobligated contract authority, end of year	Federal payments	Projects approved		
				Number	Total cost	Federal share
1956	\$2,000,000	\$1,939,236	\$740,343	6,650	\$1,695,808	\$885,000
1957	2,550,000	2,268,148	965,507	7,966	3,361,000	2,212,000
1958	3,590,000	2,918,432	1,511,396	9,490	4,128,000	2,914,000
1959	3,400,000	2,805,112	2,612,576	11,590	4,656,000	3,479,000
1960	2,876,613	3,072,783	2,940,251	9,682	3,668,000	2,580,000
1961	2,874,338	2,766,616	2,619,170	9,499	4,279,000	3,151,000
1962	3,325,003	3,069,056	2,783,864	9,053	4,062,000	2,990,000
1963	3,550,000	2,695,390	3,016,701	9,201	4,986,000	3,889,000
1964	3,675,000	2,231,716	3,643,648	9,252	5,459,000	4,098,000
1965	3,800,000	2,106,298	4,025,484	7,839	5,092,000	3,893,000
1966	4,000,000	2,081,310	3,965,399	6,187	5,038,509	3,977,000
1967	4,400,000	2,738,258	3,973,356	6,106	4,950,000	3,720,000
1968	4,800,000	3,355,271	4,171,106	6,327	5,595,000	4,169,000
1969	5,425,000	4,164,261	4,150,558	5,885	6,029,000	4,575,000
1970	5,425,000	4,879,096	4,375,173	6,110	6,199,000	4,601,000
1971	5,553,761	5,852,857	4,678,511	6,438	6,260,000	4,516,000
1972	5,650,000	6,965,190	4,674,000	5,854	6,000,000	4,408,000

¹ Annual authority becomes available for obligations not later than January 1 in the preceding year and are shown in the year in which they become available. Amounts exclude contract authorities for emergency relief.

NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS—STATUS OF PROGRAM AS OF DECEMBER 1, 1970¹

[Dollars in millions]

State	Mileage ²				Appor- tioned to States	Unpro- grammed balance	Programed only	Projects underway or authorized		Projects completed, ³ July 1, 1957, to Dec. 1, 1970	
	Designated miles on system	Total open to traffic	Total under- way	Remaining mileage				Construc- tion	Engin- eering and right-of-way	Federal funds	Total cost
Alabama	897.1	593.1	285.3	18.7	\$803.4	\$28.6	\$21.5	\$173.5	\$114.4	\$472.6	\$535.7
Arizona	1,172.2	841.0	326.0	5.2	559.7	28.9	12.9	56.1	46.7	417.4	450.9
Arkansas	527.4	434.4	84.5	8.5	368.9	1.7	(⁴)	58.7	16.3	297.4	335.4
California	2,280.9	1,727.7	530.2	23.0	3,592.8	69.8	33.2	597.4	353.1	2,557.2	2,962.7
Colorado	976.5	691.6	164.8	120.1	481.2	8.1	9.1	98.8	17.8	352.1	396.5
Connecticut	347.6	261.3	34.3	52.0	621.5	46.6	1	64.0	77.8	436.6	513.0
Delaware	40.6	29.1	11.5	-----	128.5	4.6	2.3	21.6	28.1	74.2	83.8
Florida	1,399.3	807.7	362.5	229.1	816.3	26.8	21.4	104.3	46.1	623.2	712.8
Georgia	1,149.8	730.5	380.7	38.6	755.9	42.3	10.4	139.1	49.3	523.0	590.9
Hawaii	52.3	19.0	33.3	-----	281.0	18.5	44.3	56.4	69.0	92.9	106.7
Idaho	611.6	469.1	142.5	-----	256.8	16.3	2.0	55.8	14.6	171.7	189.6
Illinois	1,723.5	1,208.5	431.2	83.8	2,095.4	106.1	39.0	362.8	54.5	1,546.2	1,785.7
Indiana	1,129.4	862.4	252.7	14.3	929.2	5.7	9.8	145.3	25.9	750.8	839.0
Iowa	781.4	547.5	185.5	48.4	490.8	1.2	6.4	79.3	6.6	404.0	456.3
Kansas	821.7	692.3	107.8	21.6	363.4	17.7	1	40.2	21.6	288.3	327.0
Kentucky	738.0	580.5	157.5	-----	754.8	1.9	2.3	94.2	40.9	622.1	702.0
Louisiana	718.0	349.0	328.2	40.8	987.8	16.1	13.6	230.9	124.5	606.3	680.8
Maine	312.3	277.2	33.1	2.0	218.2	9.1	2.4	39.8	11.7	158.1	179.4

¹ Cost data exclude \$388.7 million apportioned to States for highway planning and research.

² Mileage as of Oct. 1, 1970.

³ Includes completed projects authorized prior to July 1, 1956.

⁴ Less than \$0.05 million.

Note.—Columns may not add to totals due to rounding.

FEDERAL-AID HIGHWAYS (TRUST FUND)—Continued

NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS—STATUS OF PROGRAM AS OF DECEMBER 1, 1970—Continued

[Dollars in millions]

State	Mileage ²				Appor- tioned to States	Unpro- gramed balance	Programed only	Projects underway or authorized		Projects completed, ³ July 1, 1957, to Dec. 1, 1970	
	Designated miles on system	Total open to traffic	Total under- way	Remaining mileage				Construc- tion	Engineer- ing and right-of-way	Federal funds	Total cost
Maryland	357.8	304.0	30.9	22.9	709.8	150.3	32.9	104.1	77.8	348.7	403.9
Massachusetts	470.1	411.7	36.8	21.6	916.2	48.4	16.0	115.2	116.6	625.7	713.1
Michigan	1,174.8	931.6	202.2	41.0	1,445.2	30.5	49.7	231.3	199.5	946.0	1,112.7
Minnesota	914.2	515.6	390.2	8.4	899.9	32.4	5.6	197.8	80.8	590.3	659.4
Mississippi	678.3	508.5	169.8	-----	463.4	3.1	.2	88.9	37.2	339.7	380.9
Missouri	1,146.9	849.3	270.0	27.6	971.3	12.1	(*)	172.6	70.3	724.6	811.4
Montana	1,188.0	622.3	565.7	-----	488.4	43.8	7.8	121.0	34.7	286.9	316.7
Nebraska	480.6	389.7	87.9	3.0	258.9	6.7	(*)	31.7	16.5	209.3	234.8
Nevada	534.6	404.4	130.2	-----	247.2	16.3	1.1	31.4	49.6	151.9	163.8
New Hampshire	214.2	176.6	31.2	6.4	203.6	12.3	3.2	30.9	4.5	155.2	177.6
New Jersey	384.0	194.1	171.0	18.9	1,064.2	38.4	75.0	240.2	176.7	541.6	617.6
New Mexico	999.2	805.4	156.3	37.5	439.3	9.4	4.2	45.8	17.9	363.5	396.1
New York	1,347.4	1,122.5	89.3	135.6	2,034.3	84.8	1.4	425.2	148.8	1,400.9	1,637.3
North Carolina	838.8	485.2	303.5	50.1	435.7	7.7	-----	97.6	48.8	289.5	329.9
North Dakota	570.8	415.8	107.0	48.0	220.9	4.8	1.1	27.2	5.7	185.5	205.7
Ohio	1,534.1	1,303.7	221.6	8.8	2,279.2	72.8	16.5	427.1	41.7	1,735.4	1,968.2
Oklahoma	809.3	682.9	126.4	-----	433.4	5.4	1.7	70.7	65.7	296.6	337.5
Oregon	734.9	642.7	67.5	24.7	698.1	20.7	17.1	155.6	48.7	459.2	522.6
Pennsylvania	1,574.6	1,340.2	193.4	41.0	1,858.7	26.0	49.1	475.6	221.4	1,105.0	1,260.9
Rhode Island	100.3	61.1	12.6	26.6	194.1	11.0	.7	18.9	12.8	153.1	177.0
South Carolina	756.9	474.3	219.6	63.0	355.9	6.4	3.5	98.5	5.7	246.4	276.3
South Dakota	679.0	466.9	212.1	-----	286.7	11.4	3.1	30.6	6.7	239.1	265.8
Tennessee	1,045.4	709.8	335.6	-----	960.3	.4	4.9	177.4	113.8	671.9	751.8
Texas	3,166.8	2,320.4	739.5	106.9	1,920.2	69.9	.1	368.8	4.2	1,494.0	1,680.2
Utah	935.2	394.7	532.0	8.5	519.2	25.7	19.5	89.7	52.6	335.1	359.6
Vermont	320.4	182.6	137.8	-----	287.9	.3	13.9	29.9	8.0	238.1	268.7
Virginia	1,071.8	764.4	297.7	9.7	1,176.4	2.1	4.0	261.0	112.3	803.4	903.6
Washington	763.2	559.8	161.3	42.1	875.8	31.0	14.5	92.3	84.4	658.7	753.9
West Virginia	511.4	284.8	207.3	19.3	785.2	26.0	57.6	272.2	106.1	327.5	366.7
Wisconsin	562.8	455.8	2.6	104.4	421.1	2.0	10.5	21.3	18.8	377.0	425.1
Wyoming	913.7	681.9	176.4	58.4	360.3	12.8	7.6	22.9	9.3	311.5	339.3
District of Columbia	29.6	10.1	9.6	9.9	517.7	179.1	2.4	102.2	69.9	166.6	188.6
Total	42,488.5	30,594.5	10,246.2	1,647.8	39,234.1	1,453.9	655.9	7,093.5	3,185.9	27,172.1	30,855.2
State share	-----	-----	-----	-----	-----	-----	80.9	904.9	380.2	-----	-----
Total cost	-----	-----	-----	-----	-----	-----	736.8	7,998.4	3,566.1	-----	-----

¹ Cost data exclude \$388.7 million apportioned to States for highway planning and research.

² Mileage as of Oct. 1, 1970.

³ Includes completed projects authorized prior to July 1, 1956.

⁴ Less than \$0.05 million.

Note.—Columns may not add to totals due to rounding.

Object Classification (in thousands of dollars)

Identification code 21-25-8102-0-7-503	1970 actual	1971 est.	1972 est.
FEDERAL HIGHWAY ADMINISTRATION			
Personnel compensation:			
11.1 Permanent positions	1,598	2,459	2,581
11.3 Positions other than permanent	31	32	34
11.5 Other personnel compensation	225	365	383
Total personnel compensation	1,854	2,856	2,998
Direct obligations:			
Personnel compensation	433	455	477
12.1 Personnel benefits: Civilian employees	40	42	45
21.0 Travel and transportation of persons	122	122	122
22.0 Transportation of things	30	30	30
23.0 Rent, communications, and utilities	7	7	7
24.0 Printing and reproduction	1	1	1
25.0 Other services	156	156	156
Payment to salaries and expenses	13,865	15,462	93,147
26.0 Supplies and materials	1	1	1
41.0 Grants, subsidies, and contributions	4,675,549	4,532,965	4,485,886
93.0 Administration and research: Limitation on general expenses	59,607	69,061	-----
Total direct obligations	4,749,811	4,618,302	4,579,872

Reimbursable obligations:			
Personnel compensation	1,421	2,401	2,521
12.1 Personnel benefits: Civilian employees	162	274	288
21.0 Travel and transportation of persons	117	210	210
22.0 Transportation of things	6	357	353
23.0 Rent, communications, and utilities	172	172	172
25.0 Other services	379	380	380
26.0 Supplies and materials	70	4,280	4,238
31.0 Equipment	147	8,926	8,838
32.0 Lands and structures	33	-----	-----
93.0 Administration and research: Limitation on general expenses	3,763	3,000	-----
Total reimbursable obligations	6,270	20,000	17,000
Total obligations, Federal Highway Administration	4,756,081	4,638,302	4,596,872
ALLOCATION ACCOUNTS			
Personnel compensation:			
11.1 Permanent positions	1,557	2,793	700
11.3 Positions other than permanent	959	1,234	298
11.5 Other personnel compensation	426	544	136
Total personnel compensation	2,942	4,571	1,134
12.1 Personnel benefits: Civilian employees	197	249	62
21.0 Travel and transportation of persons	103	130	33
22.0 Transportation of things	256	326	82
23.0 Rent, communications and utilities	304	387	97

24.0	Printing and reproduction.....	6	6	6
25.0	Other services.....	3,488	3,598	4,036
26.0	Supplies and materials.....	1,089	1,086	1,038
31.0	Equipment.....	31	32	31
32.0	Lands and structures.....	1,292	1,318	1,280
42.0	Insurance claims and indemnities.....	4		
	Subtotal.....	9,712	11,703	7,799
95.0	Quarters and subsistence charges.....	-5	-5	-4
	Total obligations, allocation accounts.....	9,707	11,698	7,795
99.0	Total obligations.....	4,765,788	4,650,000	4,604,667

Obligations are distributed as follows:

Transportation, Federal Highway Administration.....	4,756,081	4,638,302	4,596,872
Army, Corps of Engineers.....	5	2	
Interior, Bureau of Indian Affairs.....	126	96	
Agriculture, Forest Service.....	9,576	11,600	7,795

Personnel Summary

FEDERAL HIGHWAY ADMINISTRATION

Total number of permanent positions.....	168	168	168
Full-time equivalent of other positions.....	7	7	7
Average number of all employees.....	121	174	174
Average GS grade.....	8.0	8.0	8.0
Average GS salary.....	\$8,438	\$8,617	\$8,809

ALLOCATION ACCOUNTS

Total number of permanent positions.....	164	284	70
Full-time equivalent of other positions.....	149	180	44
Average number of all employees.....	300	436	108
Average GS grade.....	8.1	8.2	8.2
Average GS salary.....	\$10,830	\$11,101	\$11,268

Proposed for separate transmittal, existing legislation:

FEDERAL-AID HIGHWAYS (TRUST FUND)

Program and Financing (in thousands of dollars)

Identification code 21-25-8102-1-7-503	1970 actual	1971 est.	1972 est.
Budget authority:			
40	Appropriation.....	275,000	
40.49	Appropriation to liquidate contract authority.....	-275,000	
43	Appropriation (adjusted)		
Relation of obligations to outlays:			
72.49	Obligated balance, start of year: Contract authority.....		-275,000
74.49	Obligated balance, end of year: Contract authority.....	275,000	275,000
90	Outlays.....	275,000	

Status of Unfunded Contract Authority (in thousands of dollars)

Unfunded balance, start of year (contract authority).....			-275,000
Unfunded balance, end of year (contract authority).....		275,000	275,000
Proposed supplemental transfer from Highway trust fund to liquidate contract authority.....		275,000	

A supplemental transfer of funds will be requested from the Highway trust fund to liquidate obligations made under available contract authority for the Federal share of highway construction costs incurred during 1971 to construct highways, acquire rights-of-way, and perform engineering and operations for the Federal-aid highways programs.

RIGHT-OF-WAY REVOLVING FUND (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 108(c), as authorized by section 7(c) of the Federal-Aid Highway Act of 1968, \$35,000,000, to remain available until expended, and to be derived from the "Highway trust fund" at such times and in such amounts as may be necessary to meet current withdrawals.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-25-8402-0-8-503	1970 actual	1971 est.	1972 est.
Program by activities:			
	Advance acquisitions of right-of-way (program costs, funded).....	35,000	35,000
	Change in selected resources ¹	31,000	15,000
10	Total obligations (object class 41.0).....	31,000	50,000
Financing:			
Unobligated balance available, start of year:			
21.40	Appropriation.....	-9,000	
21.49	Contract authority.....	-100,000	-160,000
Unobligated balance available, end of year:			
24.40	Appropriation.....	9,000	
24.49	Contract authority.....	160,000	219,000
Budget authority			
100,000			
Budget authority:			
40	Appropriation.....	40,000	35,000
40.49	Appropriation to liquidate contract authority.....	-40,000	-35,000
43	Appropriation (adjusted)		
69	Contract authority (permanent) (82 Stat. 819)	100,000	100,000
Relation of obligations to outlays:			
71	Obligations incurred, net.....	31,000	50,000
Obligated balance, start of year:			
72.40	Appropriation.....	27,921	36,921
72.49	Contract authority.....		6,000
Obligated balance, end of year:			
74.40	Appropriation.....	-27,921	-36,921
74.49	Contract authority.....		-6,000
90	Outlays.....	3,079	35,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$0; 1970, \$31,000 thousand; 1971, \$46,000 thousand; 1972, \$61,000 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year.....	100,000	160,000	225,000
Contract authority.....	100,000	100,000	
Unfunded balance, end of year.....	-160,000	-225,000	-190,000
Appropriation to liquidate contract authority.....	40,000	35,000	35,000

The Federal-Aid Highway Act of 1968 provided for the establishment of a right-of-way revolving fund to provide interest-free loans for the advance acquisition of rights-of-way by the States and payment of relocation expenses including the State share of the cost.

Contract authority of \$100 million in each of the years 1970, 1971, and 1972 was authorized from the Highway trust fund. This contract authority is available 1 year in advance of the year for which authorized.

RIGHT-OF-WAY REVOLVING FUND (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)—Continued

Revenue and Expense (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Advances for acquisition of rights-of-way program:			
Revenue.....			
Expense.....	3,079	35,000	35,000
Net operating loss.....	-3,079	-35,000	-35,000

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Advances.....		3,079	38,079	73,079
Total assets.....		3,079	38,079	73,079
Government equity:				
Non-interest-bearing capital:				
Appropriation.....	40,000	75,000	110,000	
Total Government equity.....	40,000	75,000	110,000	

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Undisbursed loan obligations.....	27,921	42,921	57,921
Unobligated balance.....	169,000	219,000	169,000
Invested capital.....	3,079	38,079	73,079
Subtotal.....	200,000	300,000	300,000
Undrawn authority.....	-160,000	-225,000	-190,000
Total Government equity.....	40,000	75,000	110,000

FOREST HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 204, pursuant to contract authorization granted by title 23, United States Code, section 203, \$10,000,000, to remain available until expended, and to be derived from the "Highway trust fund": Provided, That this appropriation shall be available for the rental, purchase, construction, or alteration of buildings and sites necessary for the storage and repair of equipment and supplies used for road construction and maintenance but the total cost of any such item under this authorization shall not exceed \$15,000.

Program and Financing (in thousands of dollars)

Identification code 21-25-8040-0-7-503	1970 actual	1971 est.	1972 est.
Program by activities:			
Direct program:			
1. Construction.....			9,500
2. Administration.....			400
3. Forest Service administration.....			100
Total direct program costs, funded.....			10,000
Reimbursable program:			
1. Construction.....			3,000
Total program costs, funded.....			13,000
Change in selected resources ¹			10,000
10 Total obligations.....			23,000

Financing:

Receipts and reimbursements from:			
11	Federal funds.....		-2,866
13	Trust funds.....		-90
14	Non-Federal sources ²		-44
21.49	Unobligated balance available, start of year: Contract authority.....		-33,000
24.49	Unobligated balance, available, end of year: Contract authority.....	33,000	46,000
	Budget authority.....	33,000	33,000
Budget authority:			
40	Appropriation.....		10,000
40.49	Appropriation to liquidate contract authority.....		-10,000
43	Appropriation (adjusted).....		
Contract authority:			
49	Current (84 Stat. 1715).....	33,000	
69	Permanent (84 Stat. 1715).....		33,000
Relation of obligations to outlays:			
71	Obligations incurred, net.....		20,000
74.49	Obligated balance, end of year: Contract authority.....		-10,000
90	Outlays.....		10,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$10,000 thousand.
² Reimbursement from non-Federal sources are derived from State agencies (23 U.S.C. 308(a-b)).

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year.....			33,000
Contract authority.....		33,000	33,000
Unfunded balance, end of year.....		-33,000	-56,000
Appropriation to liquidate contract authority.....			10,000

Main highways within or adjacent to national forests are constructed and improved with these funds. Projects are jointly selected by the States, the Forest Service, and the Federal Highway Administration on the basis of their contribution to meeting traffic requirements within the national forests. Authorizations are apportioned by States on the basis of a formula which uses as factors the national forest area and value in each State. Contract authorization of \$33 million is available for each of 1972 and 1973 from the Highway trust fund. Funds can be obligated in the year prior to the year for which authorized.

Actual and estimated progress of the program is summarized in the following table (dollars in thousands):

Fiscal year ¹	Annual authorization ²	Miles completed	Unobligated balance, end-of-year	Obligations for projects	Outlays
1968.....	\$33,000	213	\$46,392	\$32,773	\$31,590
1969.....	33,000	225	50,602	27,190	32,348
1970.....	33,000	257	65,848	16,408	24,969
1971 (estimate).....	33,000	250	71,098	26,850	18,708
1972 (estimate).....	33,000	250	46,000	19,500	25,000

¹ Fiscal years 1968 through 1971 financed from Federal funds.
² Each fiscal year authorization becomes available for obligation not later than January 1 in the preceding year.
³ Includes \$15 million general funds and \$10 million trust funds.

Object Classification (in thousands of dollars)

Identification code 21-25-8040-0-7-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....			4,508
11.3 Positions other than permanent.....			283
11.5 Other personnel compensation.....			179
Total personnel compensation.....			4,970

Direct program:			
	Personnel compensation		3,080
12.1	Personnel benefits: Civilian employees		236
21.0	Travel and transportation of persons		597
22.0	Transportation of things		137
23.0	Rent, communications, and utilities		95
24.0	Printing and reproduction		21
25.0	Other services	2,012	
26.0	Supplies and materials	380	
31.0	Equipment	575	
32.0	Lands and structures	12,867	
	Total direct obligations		20,000
Reimbursable program:			
	Personnel compensation	1,890	
12.1	Personnel benefits: Civilian employees	157	
21.0	Travel and transportation of persons	121	
22.0	Transportation of things	28	
23.0	Rent, communications, and utilities	19	
24.0	Printing and reproduction	4	
25.0	Other services	588	
26.0	Supplies and materials	77	
31.0	Equipment	116	
	Total reimbursable obligations	3,000	
99.0	Total obligations		23,000

Personnel Summary

Total number of permanent positions	428
Full-time equivalent of other positions	59
Average number of all employees	469
Average GS grade	7.6
Average GS salary	\$10,480

PUBLIC LANDS HIGHWAYS (LIQUIDATION OF CONTRACT AUTHORIZATION) (TRUST FUND)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 209, pursuant to the contract authorization granted by title 23, United States Code, section 203, \$5,000,000, to remain available until expended, and to be derived from the "Highway Trust Fund": Provided, That any balances of the sums authorized for prior fiscal years and remaining unobligated at July 1, 1971, are hereby rescinded.

Program and Financing (in thousands of dollars)

Identification code 21-25-8041-0-7-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Construction			4,800
2. Administration			200
	Total program costs, funded		5,000
	Change in selected resources¹		5,000
10	Total obligations		10,000
Financing:			
21.49	Unobligated balance available, start of year: Contract authority		-16,000
24.49	Unobligated balance available, end of year: Contract authority	16,000	22,000
	Budget authority	16,000	16,000
Budget authority:			
40	Appropriation		5,000
40.49	Appropriation to liquidate contract authority		-5,000
43	Appropriation (adjusted)		

Contract authority:			
49	Current (84 Stat. 1715)		16,000
69	Permanent (84 Stat. 1715)		16,000
Relation of obligations to outlays:			
71	Obligations incurred, net		10,000
74.49	Obligated balance, end of year: Contract authority		-5,000
90	Outlays		5,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$5,000 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year			16,000
Contract authority		16,000	16,000
Unfunded balance, end of year		-16,000	-27,000
Appropriation to liquidate contract authority			
			5,000

Highways are constructed and improved through public lands in States with large areas of such lands. Funds for this program are available a year in advance of the year for which authorized. Contract authorizations were made available by the Federal-Aid Highway Act of 1970 for 1972 and 1973 in the amount of \$16 million for each year from the Highway trust fund.

The 1972 liquidating cash appropriation request is the initial funding from the Highway trust fund. Prior year appropriations have been funded by Federal funds.

Object Classification (in thousands of dollars)

Identification code 21-25-8041-0-7-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1	Permanent positions		341
11.3	Positions other than permanent		20
11.5	Other personnel compensation		26
	Total personnel compensation		388
12.1	Personnel benefits: Civilian employees		30
21.0	Travel and transportation of persons		57
22.0	Transportation of things		27
23.0	Rent, communications, and utilities		9
25.0	Other services		659
26.0	Supplies and materials		4
41.0	Grants, subsidies, and contributions		8,826
99.0	Total obligations		10,000

Personnel Summary

Total number of permanent positions	23
Full-time equivalent of other positions	4
Average number of all employees	27
Average GS grade	7.6
Average GS salary	\$10,480

SPECIAL HIGHWAY ASSISTANCE (TRUST FUND)

For necessary expenses, not otherwise provided, to carry out the provisions of the Federal-Aid Highway Act of 1970, for the Baltimore-Washington Parkway, for rail crossing-demonstration projects, and for Highway Safety research, demonstrations and training, to remain available until expended, \$10,000,000, to be derived from the "Highway trust fund" and to be withdrawn therefrom at such times and in such amounts as may be necessary.

SPECIAL HIGHWAY ASSISTANCE (TRUST FUND)—Continued

Program and Financing (in thousands of dollars)

Identification code 21-25-8009-0-7-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Baltimore-Washington Parkway.....			1,000
2. Rail crossings—Demonstration projects.....			3,000
3. Highway safety—Research, demonstration, and training.....			2,000
Total program costs, funded.....			6,000
Change in selected resources ¹			4,000
10 Total obligations (object class 32.0).....			10,000
Financing:			
40 Budget authority (appropriation).....			10,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....			10,000
74 Obligated balance, end of year.....			-4,000
90 Outlays.....			6,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$4,000 thousand.

Baltimore-Washington Parkway.—The Secretary of Transportation, the Secretary of the Interior and the State of Maryland will enter into an agreement for reconstruction of the section of the Baltimore-Washington Parkway now under the jurisdiction of the Department of the Interior.

The reconstruction will cost a total of \$65 million from the Highway trust fund to provide six lanes and upgrade this roadway to geometric and construction standards for the National System of Interstate and Defense Highways. Upon completion of construction, title to the roadway will be conveyed to the State of Maryland. An initial appropriation of \$5 million is proposed for 1972 to provide for preliminary engineering and right-of-way acquisition.

Rail crossings—Demonstration projects.—Provides initial financing of \$3 million of the Highway trust fund portion of rail crossing demonstration projects as authorized by title 23, U.S.C., section 322. This amount will be used to reimburse the appropriation, Rail crossings—demonstration projects, for the trust fund share of a \$10 million program to eliminate unsafe rail-highway grade crossings along the route of the high-speed rail demonstration in the Washington, D.C., to Boston, Mass., corridor.

Highway safety—Research, demonstration, and training.—Provides \$2 million from the Highway trust fund for the costs of highway safety research, demonstration, and training as authorized by title 23, U.S.C., section 403, to be carried out by the Federal Highway Administration. This amount will be used to reimburse the appropriation, Salaries and expenses, for the trust fund share of the total \$3 million program.

HIGHWAY TRUST FUND

AMOUNTS AVAILABLE FOR APPROPRIATION

	[In thousands of dollars]		
	1970 actual	1971 estimate	1972 estimate
Unexpended balance brought forward:	1,520,826	2,611,611	3,648,100
Balance in expenditure accounts.....	-8,091	-9,874	-----
Appropriated balance.....	-205	-79,450	-37,177
Unappropriated balance, start of year.....	1,512,530	2,522,288	3,610,923

Receipts (net).....	5,469,037	5,750,000	5,904,000
Total available for appropriation	6,981,567	8,272,288	9,514,923
Appropriations:			
Federal Highway Administration:			
Federal-aid highways (liquidation of contract authority).....	-4,419,279	-4,351,365	-4,674,000
Federal-aid highways supplemental Right-of-way revolving fund (liquidation of contract authority).....	-----	-275,000	-----
Forest highways (liquidation of contract authority).....	-40,000	-35,000	-35,000
Public lands highways (liquidation of contract authority).....	-----	-----	-10,000
Special highway assistance (trust fund).....	-----	-----	-5,000
National Highway Traffic Safety Administration:			
Highway safety programs (liquidation of contract authority) (trust fund).....	-----	-----	-10,000
Total appropriations.....	-4,459,279	-4,661,365	-4,771,800
Unexpended balance, end of year.....	2,611,611	3,648,100	4,747,123
Balance in expended accounts.....	-9,874	-----	-----
Appropriated balance.....	-79,450	-37,177	-4,000
Unappropriated balance, end of year.....	2,522,288	3,610,923	4,743,123

The Highway Revenue Act of 1956, as amended, provides for the transfer from the General fund to the Highway trust fund of revenue from the gasoline tax and certain other taxes paid by highway users. The Secretary of the Treasury estimates the amounts to be so transferred. In turn, annual appropriations are authorized from this fund to meet expenditures for Federal-aid highways. Legislation will be proposed to increase certain highway excise taxes levied on heavy trucks to provide a more equitable distribution of the cost of highway programs. Enactment of the proposed legislation by the beginning of 1972 will increase 1972 revenues by \$295 million.

The status of the fund is as follows:

HIGHWAY TRUST FUND

[In thousands of dollars]

	1970 actual	1971 estimate	1972 estimate
Unexpended balance brought forward:			
U.S. securities (par).....	1,512,735	2,601,737	3,640,000
Cash.....	8,091	9,874	8,100
Balance of fund at start of year.....	1,520,827	2,611,611	3,648,100
Cash income during year: From excise taxes.....	5,385,701	5,689,000	5,775,000
Refunds of taxes.....	-32,074	-119,000	-116,000
Interest on investments.....	115,410	180,000	245,000
Total annual income.....	5,469,037	5,750,000	5,904,000
Cash outgo during year:			
Federal Highway Administration:			
Federal-aid highways (liquidation of contract authority).....	4,375,173	4,403,511	4,674,000
Federal-aid highways supplemental. Improvement of the Pentagon road network (trust fund).....	-----	275,000	-----
Right-of-way revolving fund (liquidation of contract authority).....	1	-----	-----
Forest highways (liquidation of contract authority).....	3,079	35,000	35,000
Public lands highways (liquidation of contract authority).....	-----	-----	10,000
Special highway assistance (trust fund).....	-----	-----	5,000
	-----	-----	6,000

National Highway Traffic Safety Administration: Highway safety programs (liquidation of contract authority) (trust fund).....			37,800
Total annual budget.....	4,378,253	4,713,511	4,767,800
Unexpended balance carried forward:			
U.S. securities (par).....	2,601,737	3,640,000	4,775,000
Cash.....	9,874	8,100	9,300
Balance of fund at end of year..	2,611,611	3,648,100	4,784,300

Equipment, supplies, etc., for cooperating countries.....	1,837	1,500	1,500
Technical assistance, U.S. dollars advanced from foreign governments.....	1,563	2,000	2,000
Improvement of Pentagon road network.....	1		

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$7,525 thousand; 1970, \$5,669 thousand; 1971, \$5,669 thousand; 1972, \$5,669 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year.....	6,012	4,859	
Contract authority.....	405		
Unfunded balance, end of year.....	—4,859		
Appropriation to liquidate contract authority.....	1,557	4,859	

OTHER FEDERAL HIGHWAY ADMINISTRATION TRUST FUNDS

Program and Financing (in thousands of dollars)

Identification code 21-25-9998-0-7-999	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Contributions for highway research programs.....	5		
2. Cooperative work, forest highways.....	766	500	500
3. Equipment, supplies, etc., for cooperating countries.....	1,890	2,000	1,000
4. Technical assistance, U.S. dollars advanced from foreign governments.....	1,550	1,500	2,500
5. Improvement of Pentagon road network.....	1		
Total program costs, funded.....	4,212	4,000	4,000
Change in selected resources ¹	—1,856		
10 Total obligations.....	2,356	4,000	4,000
Financing:			
Unobligated balance available, start of year:			
21.40 Appropriation.....	—1,353	—1,756	—1,926
21.49 Contract authority.....	—397	—376	
Unobligated balance, end of year:			
24.40 Appropriation.....	1,756	1,926	1,926
24.49 Contract authority.....	376		
Unobligated balance lapsing:			
25.40 Appropriation.....		206	
Budget authority.....	2,739	4,000	4,000
Budget authority:			
60 Appropriation (permanent).....	3,892	8,859	4,000
60.49 Appropriation to liquidate contract authority (permanent).....	—1,558	—4,859	
63 Appropriation (adjusted).....	2,334	4,000	4,000
69 Contract authority (23 U.S.C. 112, 120(8), 204; 64 Stat. 204-209).....	405		
Distribution of budget authority by account:			
Cooperative work, forest highways.....	1,784	500	500
Equipment, supplies, etc., for cooperating countries.....	62	1,500	1,500
Technical assistance, U.S. dollars advanced from foreign governments.....	892	2,000	2,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	2,356	4,000	4,000
Obligated balance, start of year:			
72.40 Appropriation.....	1,987	1,412	5,895
72.49 Contract authority.....	5,614	4,483	
Obligated balance, end of year:			
74.40 Appropriation.....	—1,412	—5,895	—5,895
74.49 Contract authority.....	—4,483		
90 Outlays.....	4,062	4,000	4,000
Distribution of outlays by account:			
Contributions for highway research programs.....	5		
Cooperative work, forest highways.....	657	500	500

1. *Contributions for highway research program.*—In association with the General Services Administration and the Department of Defense, tests of highway equipment are conducted for the purpose of establishing performance standards upon which to base specifications for use by the Government in purchasing such equipment (23 U.S.C. 307).

2. *Cooperative work, forest highways.*—Contributions are received from States and counties in connection with cooperative engineering, survey, maintenance, and construction projects for forest highways (23 U.S.C. 204).

3. *Equipment, supplies, etc., for cooperating countries.*—In connection with the construction of the Inter-American Highway, the Federal Highway Administration acts as agent for the cooperating Central American Republics in purchase of equipment, supplies, and services (23 U.S.C. 212, 308).

4. *Technical assistance, U.S. dollars advanced from foreign governments.*—Under the Foreign Economic Assistance Act and under agreement with the International Bank for Reconstruction and Development and the Export-Import Bank of Washington, the Federal Highway Administration renders technical assistance and acts as agent for the purchase of equipment and materials for carrying out highway programs in foreign countries. During the current year, these services are being rendered for Costa Rica, the Dominican Republic, Ethiopia, Iran, Nicaragua, and the Philippines (64 Stat. 204-209).

Object Classification (in thousands of dollars)

Identification code 21-25-9998-0-7-999	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	359	573	580
11.5 Other personnel compensation.....	109	110	110
Total personnel compensation.....	468	683	690
12.1 Personnel benefits: Civilian employees.....	162	170	171
21.0 Travel and transportation of persons.....	42	45	45
22.0 Transportation of things.....	69	70	70
23.0 Rent, communications, and utilities.....	2	2	2
25.0 Other services.....	106	106	106
26.0 Supplies and materials.....	405	500	500
31.0 Equipment.....	303	400	400
32.0 Lands and structures.....	799	2,024	2,016
99.0 Total obligations.....	2,356	4,000	4,000

Personnel Summary

Total number of permanent positions.....	33	33	33
Average number of all employees.....	28	30	30
Average GS grade.....	12.7	12.7	12.7
Average GS salary.....	\$18,443	\$18,776	\$18,844

**NATIONAL HIGHWAY TRAFFIC SAFETY
ADMINISTRATION**

The Highway Safety Act of 1970 established the National Highway Traffic Safety Administration (NHTSA) to replace the National Highway Safety Bureau within the Department of Transportation. The act also contains funding authorizations for carrying out highway safety programs on a matching basis with the States and for conducting an associated highway research and development program. Two-thirds of the authorizations contained in the act will be financed from the Highway Trust Fund, with the remainder to be financed from Federal funds. Other agency programs authorized under the Traffic and Motor Vehicle Safety Act of 1966, as amended, continue to be financed entirely from Federal funds.

The following table briefly depicts the source of financing, identified with the specific item of authorizing legislation, for all Administration programs (in thousands of dollars):

Budget authority:	1970 actual	1971 estimate	1972 estimate
Traffic and motor vehicle safety programs (Federal funds).....	20,172	26,555	40,900
Highway safety grant programs.....	100,000	—100,000	100,000
Federal funds:			
New authority.....	100,000	25,000	33,333
Recission of old authority.....	—	—175,000	—
Highway trust fund.....	—	50,000	66,667
Highway safety research and development.....	10,000	17,000	44,700
Federal funds.....	10,000	17,000	14,900
Highway trust fund.....	—	—	29,800
Total budget authority.....	130,172	—56,445	185,600
Outlays:			
Traffic and motor vehicle safety programs (Federal funds).....	16,350	24,400	31,566
Highway safety grant programs.....	50,417	66,000	61,000
Federal funds.....	50,417	66,000	53,000
Highway trust fund.....	—	—	8,000
Highway safety research and development.....	8,053	15,900	35,634
Federal funds.....	8,053	15,900	5,834
Highway trust fund.....	—	—	29,800
Total outlays.....	74,820	106,300	128,200

Federal Funds

General and special funds:

TRAFFIC AND HIGHWAY SAFETY

For expenses necessary to discharge the functions of the Secretary with respect to traffic and highway safety, including services authorized by 5 U.S.C. 3109, including \$9,600,000 to remain available until expended for the preparation of plans and specifications, construction of facilities and equipping of a compliance test facility, \$55,800,000; together with \$1,126,000 to be transferred from the appropriation "State and community highway safety (Liquidation of contract authorization)" and \$32,054,000 to be transferred from the appropriation "Highway safety programs (trust fund)".

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-27-0550-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Program direction and coordination.....	1,156	1,739	1,951
2. Motor vehicle program.....	4,043	5,387	7,277
3. Traffic safety program.....	4,836	10,177	31,781
4. Research and analysis.....	14,011	18,989	20,536
5. Staff and administrative support services.....	2,589	4,224	3,935
6. Compliance test facility.....	—	—	1,400
Total program costs, funded....	26,635	40,516	66,880
Change in selected resources ¹	5,608	5,650	22,100
10 Total obligations.....	32,243	46,166	88,980
Financing:			
Receipts and reimbursements from:			
11 Federal funds.....	—2,071	—2,611	—1,126
13 Trust funds.....	—	—	—32,054
Budget authority.....	30,172	43,555	55,800
Budget authority:			
40 Appropriation.....	30,150	42,935	55,800
40 Pay increase (Public Law 91-305).....	22	—	—
44.20 Proposed supplemental for civilian pay act increases.....	—	620	—
Relation of obligations to outlays:			
71 Obligations incurred, net.....	30,172	43,555	55,800
72 Obligated balance, start of year.....	19,768	25,072	28,327
74 Obligated balance, end of year.....	—25,072	—28,327	—46,727
77 Adjustments in expired accounts.....	—465	—	—
90 Outlays, excluding pay increase supplemental.....	24,403	39,700	37,380
91.20 Outlays from civilian pay act supplemental.....	—	600	20

¹Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$18,977 thousand; 1970, \$24,585 thousand; 1971, \$30,235 thousand; 1972, \$52,335 thousand.

The following activities encompass motor vehicle safety programs authorized under the Traffic and Motor Vehicle Safety Act; highway safety programs authorized under the Highway Safety Act; and executive direction and administrative support requirements undertaken pursuant to both acts. Through 1971, all programs are financed from Federal funds. Beginning in 1972, financing for two-thirds of highway safety research and development programs and the administration of the State and community highway safety program will be financed by a reimbursement from the Highway Trust Fund. The remaining one-third portion of highway safety research and development plus the programs authorized under the Traffic and Motor Vehicle Safety Act are financed entirely from Federal funds in this appropriation.

1. *Program direction and coordination.*—This activity provides direction, coordination, and implementation of overall policies, programs, and objectives. Staff offices carry out responsibilities in planning, scientific matters, legal services, and civil rights.

2. *Motor vehicle program.*—This activity includes development of motor vehicle and tire safety standards, the procedures for evaluating and assuring compliance, and studies to determine the effect of standards on product costs and the necessary leadtime for implementing the standards by the industry. Increases to expand the testing of new motor vehicles and tires for compliance with Federal safety standards are requested.

3. *Traffic safety program.*—This activity provides policy, program and technical guidance to the States in executing

highway safety programs, to determine their effectiveness and to administer the Federal assistance aspects of these programs, to conduct training and education programs, and to conduct demonstration projects that will speed the implementation of new safety techniques into practice. Increases are requested to initiate additional demonstrations of countermeasures to attack the serious problem of traffic accidents caused by chronic alcoholics who drive.

4. *Research and analysis.*—This activity provides for motor vehicle and highway safety research and development and for the collection of data to determine the relationship between motor vehicle or motor vehicle equipment performance characteristics and (1) crashes involving motor vehicles, and (2) the occurrence of death or personal injury as a result of such crashes. The National Driver Register, which provides centralized information on license revocations, is also funded under this activity. Increases are requested to expand research on techniques to counter driving by alcoholics, to improve the crash survivability features of motor vehicles, and to fabricate a small number of experimental safety vehicles.

5. *Staff and administrative support services.*—Provides for services, such as budgeting, personnel management, office services, contracting, and procurement to support all activities conducted by this organization.

6. *Compliance test facility.*—Provides for the design and initiation of constructing and equipping a compliance test facility needed to perform tests on motor vehicles, tires, and other motor vehicle equipment to assure compliance with Federal motor vehicle safety standards. These tests are undertaken to determine manufacturers' observance of existing standards; to investigate consumer reports of safety defects; and to evaluate test procedures for proposed standards.

Object Classification (in thousands of dollars)

Identification code 21-27-0550-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	7,466	10,184	12,483
11.3 Positions other than permanent.....	217	230	230
11.5 Other personnel compensation.....	214	227	227
Total personnel compensation.....	7,897	10,641	12,940
12.1 Personnel benefits: Civilian employees.....	587	824	1,011
21.0 Travel and transportation of persons.....	525	542	645
22.0 Transportation of things.....	38	61	68
23.0 Rent, communications, and utilities.....	1,165	1,400	1,438
24.0 Printing and reproduction.....	277	458	656
25.0 Other services.....	20,533	32,030	62,707
26.0 Supplies and materials.....	868	120	145
31.0 Equipment.....	353	90	4,850
32.0 Lands and structures.....	-----	-----	4,520
99.0 Total obligations.....	32,243	46,166	88,980

Personnel Summary

Total number of permanent positions.....	518	717	817
Full-time equivalent of other positions.....	44	45	45
Average number of all employees.....	472	657	773
Average GS grade.....	11.5	11.5	11.4
Average GS salary.....	\$17,580	\$16,873	\$16,603

STATE AND COMMUNITY HIGHWAY SAFETY (LIQUIDATION OF CONTRACT AUTHORIZATION)

For payment of obligations incurred in carrying out the provisions of title 23, United States Code, section 402, \$49,000,000, to remain available until expended, together with \$5,746,000, to be transferred from the appropriation "Highway safety programs (trust fund)".

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-27-0551-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. State and community grants (costs).....	60,005	63,389	60,087
2. Administration of grant programs.....	2,071	2,611	1,126
Total program costs, funded....	62,076	66,000	61,213
Change in selected resources ¹	7,945	9,000	6,533
10 Total obligations.....	70,021	75,000	67,746
Financing:			
13 Receipts and reimbursements from: Trust funds.....	-----	-----	-44,413
21.49 Unobligated balance, start of year: Contract authority.....	-250,311	-277,921	-35,021
24.49 Unobligated balance, end of year: Contract authority.....	277,921	35,021	45,021
25.49 Unobligated balance lapsing, contract authority.....	2,369	17,900	-----
Budget authority.....	100,000	-150,000	33,333
Budget authority:			
40 Appropriation.....	30,000	51,000	49,000
40.49 Appropriation to liquidate contract authority.....	-30,000	-51,000	-49,000
43 Appropriation (adjusted).....	-----	-----	-----
49 Unobligated balance of contract authority rescinded.....	-----	-175,000	-----
Contract authority:			
49 Current.....	-----	25,000	-----
69 Permanent.....	100,000	-----	33,333
Relation of obligations to outlays:			
71 Obligations incurred, net.....	70,021	75,000	23,333
Obligated balance, start of year:			
72.40 Appropriation.....	51,187	30,736	15,735
72.49 Contract authority.....	14,984	55,006	79,007
Obligated balance, end of year:			
74.40 Appropriation.....	-30,736	-15,735	-11,737
74.49 Contract authority.....	-55,006	-79,007	-253,338
77 Adjustments in expired accounts.....	-34	-----	-----
90 Outlays.....	50,417	66,000	53,000
Status of Unfunded Contract Authority (in thousands of dollars)			
Unfunded balance, start of year.....	265,295	332,926	114,026
Contract authority.....	100,000	25,000	33,333
Unfunded balance of contract authority rescinded.....	-----	-175,000	-----
Administrative cancellation of contract authority.....	-2,369	-17,900	-----
Unfunded balance, end of year.....	-332,926	-114,026	-98,359
Appropriation to liquidate contract authorization.....	30,000	51,000	49,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$58,760 thousand; 1970, \$66,705 thousand; 1971, \$75,705 thousand; 1972, \$82,238 thousand. Obligated balance at end of 1972 is net of \$38,667 thousand in receivables from "Highway Safety Programs (Trust fund)."

The Highway Safety Act of 1970 contains additional authorizations to continue programs under section 402 of title 23, calling for highway safety programs for each State, subject to approval of the Secretary of Transportation. Federal grants are provided to assist the States and their political subdivisions in the establishment of highway safety programs, such as for driver licensing, motor vehicle registration, traffic records, police traffic services, driver education, etc. These programs are based on comprehensive statewide plans in accordance with uniform standards promulgated by the Secretary. The States are required to match Federal grants.

General and special funds—Continued

STATE AND COMMUNITY HIGHWAY SAFETY (LIQUIDATION OF
CONTRACT AUTHORIZATION)—Continued

Through 1971, programs are financed from Federal fund balances available under prior legislative authorizations. Beginning in 1972, two-thirds of required financing will be secured from the Highway Trust Fund, pursuant to the Highway Safety Act of 1970. The remaining one-third derived from Federal funds, is provided by this appropriation. A total of \$80 million in obligations is planned for the highway safety program authorized by section 402, including those obligations incurred by both the National Highway Traffic Safety Administration (NHTSA) and the Federal Highway Administration (FHWA). A tentative distribution for purposes of the budget schedule indicates that this total would be divided by \$10 million for the FHWA and \$70 million for the NHTSA but this is a tentative estimate for the subdivision of total obligations. Annual program plans, as submitted by the States and approved by the two agencies, will determine the actual distribution of obligations between the two authorizations. In no event will obligations exceed either of the separate authorizations.

Object Classification (in thousands of dollars)

Identification code 21-27-0551-0-1-503	1970 actual	1971 est.	1972 est.
25.0 Other services.....	2,071	2,916	1,126
41.0 Grants, subsidies, and contributions...	67,950	72,084	66,620
99.0 Total obligations.....	70,021	75,000	67,746

Trust Funds

HIGHWAY SAFETY PROGRAMS (LIQUIDATION OF CONTRACT
AUTHORITY (TRUST FUND))

To carry out highway safety programs authorized by title 23, United States Code, Sections 402 and 403, pursuant to the provisions of the Highway Safety Act of 1970, \$37,800,000 to be derived from the Highway trust fund, of which \$8,000,000, shall remain available until expended to liquidate obligations incurred in carrying out programs authorized by 23 U.S.C. 402.

Program and Financing (in thousands of dollars)

Identification code 21-27-8102-0-7-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. State and community grants.....			39,933
2. Administration of grants program.....			2,254
3. Highway safety research and development.....			29,800
Total program costs, funded.....			71,987
Change in selected resources ¹			4,480
10 Total obligations (object class 25.0).....			76,467
Financing:			
21.49 Unobligated balance, start of year: Contract authority.....			-50,000
24.49 Unobligated balance, end of year: Contract authority.....		50,000	70,000
Budget authority.....		50,000	96,467
Budget authority:			
40 Appropriation.....			37,800
40.49 Appropriation to liquidate contract authority.....			-8,000
43 Appropriation (adjusted).....			29,800

Contract authority:			
49 Current.....		50,000	
69 Permanent.....			66,667
Relation of obligations to outlays:			
71 Obligations incurred, net.....			76,467
74.49 Contract authority.....			-38,667
90 Outlays.....			37,800

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1971, \$0; 1972, \$4,480 thousand.

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year.....			50,000
Contract authority.....		50,000	66,667
Unfunded balance, end of year.....		-50,000	-108,667
Appropriation to liquidate contract authority.....			
			8,000

Authority is contained in the Highway Safety Act of 1970 to secure two-thirds of required financing for highway safety programs administered under sections 402 and 403 of title 23 from the Highway trust fund. This account reflects the appropriate funding levels as authorized by the Highway Safety Act of 1970.

The total program level of \$70 million for State and community grant (sec. 402) programs is comprised of funding from both the State and community highway safety (Liquidation of Contract Authorization) appropriation and this appropriation. These grants assist States and local communities to improve their highway safety programs.

The total program level of \$44,700 thousand for highway safety research and development (sec. 403) programs is included in the Traffic and highway safety appropriation to simplify fiscal program administration. This appropriation reimburses the Traffic and highway safety appropriation for \$29,800 thousand which is the two-thirds share from the Highway trust fund for research, development, demonstration and training programs.

FEDERAL RAILROAD ADMINISTRATION

Federal Funds

General and special funds:

OFFICE OF THE ADMINISTRATOR

SALARIES AND EXPENSES

For necessary expenses of the Federal Railroad Administration, including services as authorized by 5 U.S.C. 3109, \$2,350,000.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-30-0700-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
General management and administration (program costs, funded)...	1,116	1,476	2,350
Change in selected resources ¹	9	-6	
10 Total obligations.....	1,125	1,470	2,350
Financing:			
25 Unobligated balance lapsing.....		4	
Budget authority.....	1,129	1,470	2,350

Budget authority:				
40	Appropriation.....	1,135	1,395	2,350
41	Transferred to other accounts.....	-6		
<hr/>				
43	Appropriation (adjusted).....	1,129	1,395	2,350
44.20	Proposed supplemental for civilian pay act increases.....		75	
<hr/>				
Relation of obligations to outlays:				
71	Obligations incurred, net.....	1,125	1,470	2,350
72	Obligated balance, start of year.....	64	31	36
74	Obligated balance, end of year.....	-31	-36	-61
77	Adjustments in expired accounts.....	4		
<hr/>				
90	Outlays, excluding pay increase supplemental.....	1,162	1,395	2,320
91.20	Outlays from civilian pay act supplemental.....		70	5

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$3 thousand; 1970, \$12 thousand; 1971, \$6 thousand; 1972, \$6 thousand.

This appropriation provides for salaries and expenses of the immediate Office of the Administrator and those staff offices engaged in functions supporting the overall programs of the Federal Railroad Administration: the railroad safety program; the high-speed ground transportation research and development program; and the Alaska Railroad. A supplemental appropriation will be requested for 1971.

Object Classification (in thousands of dollars)

Identification code 21-30-0700-0-1-503				
	1970 actual	1971 est.	1972 est.	
<hr/>				
Personnel compensation:				
11.1	Permanent positions.....	826	1,079	1,784
11.3	Positions other than permanent.....	71	89	150
11.5	Other personnel compensation.....	12	9	12
<hr/>				
	Total personnel compensation.....	909	1,177	1,946
12.1	Personnel benefits: Civilian employees.....	67	90	149
13.0	Benefits for former personnel.....	3		
21.0	Travel and transportation of persons.....	29	50	65
22.0	Transportation of things.....		2	2
23.0	Rent, communications, and utilities.....	23	21	35
24.0	Printing and reproduction.....	13	11	16
25.0	Other services.....	58	100	100
26.0	Supplies and materials.....	7	7	9
31.0	Equipment.....	16	12	28
<hr/>				
99.0	Total obligations.....	1,125	1,470	2,350

Personnel Summary

Total number of permanent positions.....	48	66	124
Full-time equivalent of other positions.....	8	8	11
Average number of all employees.....	55	67	116
Average GS grade.....	12.0	12.0	11.4
Average GS salary.....	\$18,176	\$17,957	\$16,112
Average salary of ungraded positions.....	\$7,100	\$7,100	\$7,100

Proposed for separate transmittal, existing legislation:

SALARIES AND EXPENSES

Program and Financing (in thousands of dollars)

Identification code 21-30-0700-1-1-503			
	1970 actual	1971 est.	1972 est.
<hr/>			
Program by activities:			
10	General management and administration (costs—obligations).....		100
<hr/>			
Financing:			
40	Budget authority (proposed supplemental appropriation).....		100
<hr/>			
Relation of obligations to outlays:			
71	Obligations incurred, net.....		100
72	Obligated balance, start of year.....		
74	Obligated balance, end of year.....		
<hr/>			
90	Outlays.....		100

The \$100 thousand is required to cover salaries and related expenses for 18 additional positions to be used in support of increased railroad safety research activities authorized by the Federal Railroad Safety Act of 1970 (Public Law 91-458, approved October 16, 1970).

RAILROAD RESEARCH

For necessary expenses for conducting railroad research activities, \$13,700,000, to remain available until expended.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-30-0703-0-1-503				
	1970 actual	1971 est.	1972 est.	
<hr/>				
Program by activities:				
	Railroad research (program costs, funded).....	216	949	7,500
	Change in selected resources ¹	165	168	6,200
10	Total obligations (object class 25.0).....	381	1,117	13,700
<hr/>				
Financing:				
21	Unobligated balance available, start of year.....	-248	-167	
24	Unobligated balance available, end of year.....	167		
<hr/>				
40	Budget authority (appropriation).....	300	950	13,700
<hr/>				
Relation of obligations to outlays:				
71	Obligations incurred, net.....	381	1,118	13,700
72	Obligated balance, start of year.....	154	331	549
74	Obligated balance, end of year.....	-331	-549	-8,024
<hr/>				
90	Outlays.....	205	900	6,225

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$151 thousand; 1970, \$316 thousand; 1971, \$484 thousand; 1972, \$6,684 thousand.

This appropriation provides for railroad research which is directed at solving critical safety problems, enhancing the environment, and promoting transportation efficiency. During 1972, major emphasis will be placed on conducting research related to train accidents caused by defective tracks and roadbeds, equipment systems, and human error. A supplemental appropriation will be requested for 1971.

Proposed for separate transmittal, existing legislation:

RAILROAD RESEARCH

Program and Financing (in thousands of dollars)

Identification code 21-30-0703-1-1-503				
	1970 actual	1971 est.	1972 est.	
<hr/>				
Program by activities:				
	Railroad research (program costs, funded).....		2,800	4,575
	Change in selected resources ¹		4,575	-4,575
10	Total obligations.....		7,375	
<hr/>				
Financing:				
40	Budget authority (proposed supplemental appropriation).....		7,375	
<hr/>				
Relation of obligations to outlays:				
71	Obligations incurred, net.....		7,375	
72	Obligated balance, start of year.....			5,475
74	Obligated balance, end of year.....		-5,475	
<hr/>				
90	Outlays.....		1,900	5,475

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$0; 1970, \$0; 1971, \$4,575 thousand; 1972, \$0.

The \$7,375 thousand is required to fund increased railroad safety research activities involving vehicle-train collisions and train derailments caused by defects of rail-car equipment, track and roadbed systems, and operating procedures. These activities are to carry out provisions of the Federal Railroad Safety Act of 1970 (Public Law 91-458, approved October 16, 1970).

General and special funds—Continued

BUREAU OF RAILROAD SAFETY

For necessary expenses of the Bureau of Railroad Safety, not otherwise provided for, including services as authorized by 5 U.S.C. 3109, \$5,500,000.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-30-0702-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
Railroad safety (program costs, funded).....	4,283	4,748	5,500
Change in selected resources ¹	34	-24	-----
10 Total obligations.....	4,317	4,724	5,500
Financing:			
25 Unobligated balance lapsing.....	21	-----	-----
Budget authority.....	4,339	4,724	5,500
Budget authority:			
40 Appropriation.....	4,320	4,500	5,500
40 Pay increase (Public Law 91-305).....	13	-----	-----
41 Transferred to other accounts.....	-----	-1	-----
42 Transferred from other accounts.....	6	-----	-----
43 Appropriation (adjusted).....	4,339	4,499	5,500
44.20 Proposed supplemental for civilian pay act increases.....	-----	225	-----
Relation of obligations to outlays:			
71 Obligations incurred, net.....	4,317	4,724	5,500
72 Obligated balance, start of year.....	214	273	262
74 Obligated balance, end of year.....	-273	-262	-262
77 Adjustments in expired accounts.....	34	-----	-----
90 Outlays, excluding pay increase supplemental.....	4,294	4,525	5,485
91.20 Outlays from civilian pay act supplemental.....	-----	210	15

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$0; 1970, \$34 thousand; 1971, \$10 thousand; 1972, \$10 thousand.

The Federal Railroad Safety Act of 1970 provides that the Secretary of Transportation shall prescribe as necessary, appropriate rules, regulations, orders, and standards for all areas of railroad safety supplementing provisions of laws and regulations in effect on the date of the act.

The increase in resources will permit the Bureau of Railroad Safety to perform functions related to enforcement of applicable rules, regulations, orders, and standards in all major areas of railroad safety, including inspections; engineering and accident investigation; accident reporting; and training.

Object Classification (in thousands of dollars)

Identification code 21-30-0702-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	3,263	3,608	4,161
11.3 Positions other than permanent.....	21	21	30
11.5 Other personnel compensation.....	1	3	3
Total personnel compensation.....	3,285	3,632	4,194
12.1 Personnel benefits: Civilian employees.....	264	296	331
21.0 Travel and transportation of persons.....	454	500	600
22.0 Transportation of things.....	4	4	4
23.0 Rent, communications, and utilities.....	51	71	115
24.0 Printing and reproduction.....	22	26	26
25.0 Other services.....	178	184	200
26.0 Supplies and materials.....	7	7	9

31.0 Equipment.....	52	4	21
99.0 Total obligations.....	4,317	4,724	5,500

Personnel Summary

Total number of permanent positions.....	246	244	281
Full-time equivalent of other positions.....	5	5	6
Average number of all employees.....	226	239	272
Average GS grade.....	10.8	10.8	11.0
Average GS salary.....	\$15,206	\$15,476	\$15,689

HIGH-SPEED GROUND TRANSPORTATION RESEARCH AND DEVELOPMENT

For necessary expenses for research, development, and demonstrations in high-speed ground transportation, \$29,000,000, to remain available until expended. (Additional authorizing legislation to be proposed.)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-30-0745-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Research and development.....	4,681	11,629	11,400
2. Demonstrations.....	1,991	7,000	10,000
3. Administration.....	990	1,371	1,600
Total program costs, funded.....	7,662	20,000	23,000
Change in selected resources ¹	8,343	4,715	6,000
10 Total obligations.....	16,005	24,715	29,000
Financing:			
21 Unobligated balance available, start of year.....	-11,721	-6,715	-----
24 Unobligated balance available, end of year.....	6,715	-----	-----
40 Budget authority (appropriation).....	11,000	18,000	29,000
Relation of obligations to outlays:			
71 Obligations incurred, net.....	16,005	24,715	29,000
72 Obligated balance, start of year.....	18,356	23,177	32,392
74 Obligated balance, end of year.....	-23,177	-32,392	-41,392
90 Outlays.....	11,185	15,500	20,000

¹ Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$12,165 thousand; 1970, \$20,508 thousand; 1971, \$25,223 thousand; 1972, \$31,223 thousand.

This appropriation finances research and development and demonstrations programs in high-speed ground transportation.

1. *Research and development.*—This provides for research, development, and testing of new or improved high-speed ground transportation systems or components thereof; including vehicle propulsion and control, communications, and guideways.

2. *Demonstrations.*—This provides for conducting demonstrations of new equipment and improved services to determine the contributions that high-speed ground transportation can make to more efficient and economical intercity travel. The increase is for demonstration projects of the Metroliner and TurboTrain.

Object Classification (in thousands of dollars)

Identification code 21-30-0745-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	539	842	1,033
11.3 Positions other than permanent.....	114	125	125
11.5 Other personnel compensation.....	3	3	3
11.8 Special personal service payments.....	22	32	-----
Total personnel compensation.....	678	1,002	1,161

12.1	Personnel benefits: Civilian employees.....	46	74	94
21.0	Travel and transportation of persons.....	32	40	50
22.0	Transportation of things.....	2	5	5
23.0	Rent, communications, and utilities.....	70	90	100
24.0	Printing and reproduction.....	17	20	25
25.0	Other services.....	15,149	23,464	27,550
26.0	Supplies and materials.....	4	5	5
31.0	Equipment.....	7	15	10
99.0	Total obligations.....	16,005	24,715	29,000

Personnel Summary

Total number of permanent positions.....	40	55	61
Full-time equivalent of other positions.....	8	8	8
Average number of all employees.....	41	55	65
Average GS grade.....	11.6	11.6	11.5
Average GS salary.....	\$17,789	\$17,487	\$17,525

FEDERAL GRANTS TO THE NATIONAL RAILROAD PASSENGER CORPORATION

【To enable the Secretary of Transportation to make grants to the National Railroad Passenger Corporation, as authorized by section 601 of the Rail Passenger Service Act of 1970 (Public Law 91-518), \$40,000,000, to remain available until expended.】 (Supplemental Appropriations Act, 1971.)

Program and Financing (in thousands of dollars)

Identification code 21-30-0704-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Payment to the corporation (costs—obligations) (object class 41.0).....		40,000	
Financing:			
40 Budget authority (appropriation).....		40,000	
Relation of obligations to outlays:			
71 Obligations incurred, net.....		40,000	
72 Obligated balance, start of year.....			17,000
74 Obligated balance, end of year.....		-17,000	
90 Outlays.....		23,000	17,000

The Rail Passenger Service Act of 1970 (Public Law 91-518) authorized the creation of a National Railroad Passenger Corporation which will assume responsibility for providing rail passenger service over a designated network on May 1, 1971. The Corporation is to be a for-profit corporation, and its purpose is to develop modern, fast, and efficient rail service to meet the Nation's intercity passenger transportation needs. The Corporation will not be an agency or establishment of the U.S. Government.

Funds under this appropriation provide for the Department of Transportation to pay the National Railroad Passenger Corporation for the purpose of assisting in— (1) The initial organization and operation of the Corporation; (2) the establishment of improved reservations systems and advertising; (3) servicing, maintenance, and repair of railroad passenger equipment; (4) the conduct of research and development and demonstration programs respecting new rail passenger services; (5) the development and demonstration of improved rolling stock; and (6) essential fixed facilities for the operation of passenger trains on lines and routes included in the basic system over which no through passenger trains are being operated at the time of enactment of this act, including necessary track connections between lines of the same or different railroads.

Public enterprise funds:

THE ALASKA RAILROAD

ALASKA RAILROAD REVOLVING FUND

The Alaska Railroad Revolving Fund shall continue available until expended for the work authorized by law, including operation and maintenance of oceangoing or coastwise vessels by ownership, charter, or arrangement with other branches of the Government service, for the purpose of providing additional facilities for transportation of freight, passengers, or mail, when deemed necessary for the benefit and development of industries or travel in the area served; and payment of compensation and expenses as authorized by 5 U.S.C. 8146, to be reimbursed as therein provided: Provided, That no employee shall be paid an annual salary out of said fund in excess of the salaries prescribed by the Classification Act of 1949, as amended, for grade GS-15, except the general manager of said railroad, one assistant general manager at not to exceed the salaries prescribed by said Act for GS-17, and five officers at not to exceed the salaries prescribed by said Act for grade GS-16.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-30-4400-0-3-503	1970 actual	1971 est.	1972 est.
Program by activities:			
Operating and other costs, funded:			
1. Rail line operation program:			
(a) Maintenance of way and structures.....	3,362	3,360	3,562
(b) Maintenance of equipment.....	4,026	4,030	4,272
(c) Traffic.....	316	320	339
(d) Transportation service.....	6,047	6,050	6,413
(e) Communications system operation and maintenance.....	338	340	360
(f) Incidental operations.....	572	575	610
(g) General and administrative expense.....	1,435	1,400	1,484
2. Other programs:			
(a) Riverboats and related facilities leased.....	20	20	20
(b) Other nonoperating expense.....	12	30	30
3. Other costs:			
(a) Adjustment of prior years' costs.....	-63		
(b) Transfers from other government agencies.....	-177		
(c) Loss on excess current inventories.....	91	100	100
(d) Salvage retired non-depreciable property.....	-54		
(e) Undistributed costs ¹	80	550	400
Total operating and other costs.....	16,005	16,775	17,590
Capital outlay, funded:			
1. Rail line annual program:			
(a) Improvement of roadbed, track, and structures.....	1,500	2,639	1,880
(b) Purchase and upgrading of equipment.....	1,328	1,150	1,341
(c) Nonprogramed outlay.....		500	500
Total capital outlay.....	2,828	4,289	3,721
Total program costs, funded.....	18,833	21,064	21,311
Change in selected resources ²	163		
10 Total obligations.....	18,996	21,064	21,311
Financing:			
14 Receipts and reimbursements from: Non-Federal sources (48 U.S.C. 301-308):			
Rail line operation program:			
Freight revenue.....	-16,114	-18,005	-18,240
Passenger revenue.....	-668	-690	-700
Other rail line revenue.....	-1,547	-1,710	-1,712
Other programs:			
Riverboats and related facilities.....	-69	-75	-75
Other nonoperating revenue.....	-497	-530	-530
Proceeds from sale of assets.....	-20		
Change in long-term accounts receivable.....	-15	-54	-54

Public enterprise funds—Continued

THE ALASKA RAILROAD—Continued

ALASKA RAILROAD REVOLVING FUND—continued

Program and Financing (in thousands of dollars)—Continued

Identification code 21-30-4400-0-3-503	1970 actual	1971 est.	1972 est.
21 Unobligated balance available, start of year	-5,976	-5,910	-5,910
24 Unobligated balance available, end of year	5,910	5,910	5,910
Budget authority			
Relation of obligations to outlays:			
71 Obligations incurred, net	66		
72 Obligated balance, start of year	139	459	459
74 Obligated balance, end of year	-459	-459	-459
90 Outlays	-254		

¹ Includes engineering route survey.² Balances of selected resources are identified on the statement of financial condition.

The Alaska Railroad was located, built, and is operated by the Federal Government under the act of March 12, 1914 (38 Stat. 305).

Under the Department of Transportation Act (80 Stat. 931), the Alaska Railroad was transferred from the Secretary of the Interior to the Secretary of Transportation. The Railroad now operates as a bureau of the Federal Railroad Administration.

Budget program.—There are no significant changes planned for 1972. The rail line program of operating and other costs is expected to remain at a level approximating estimated revenues. Proposed capital improvements are within the capability of the present force structure. This will enable the Railroad to maximize year-round use of all levels of skills required to maintain safe and adequate transportation services. The major activity of the program is the transportation services; the principal supporting activities are maintenance of way and structures, maintenance of equipment, and communication operations and maintenance. Lease of real properties and riverboats and related facilities round out the budget program.

Financing.—No appropriation is being requested for 1972. It is estimated at the end of the budget year there will be an unobligated balance of \$5,910 thousand and an unexpended Treasury balance of \$6,369 thousand.

In furtherance of the general policy to withdraw the Federal Government from programs and enterprises more appropriately carried on at other governmental levels or in the private sector, the administration will continue to support legislation which would authorize the sale of the Alaska Railroad.

Revenue and Expense (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Rail line operation program:			
Revenue: Ordinary	18,329	20,405	20,652
Expense: Ordinary	18,568	18,605	19,620
Net income or loss (-), rail line operation	-239	1,800	1,032
Other programs:			
Revenue	566	605	605
Expense: Ordinary	116	135	135
Net income, other programs	450	470	470
Nonoperating income or loss (-):			
Inventory adjustments—fixed properties	-3		
Loss on excess current inventories	-91	-100	-100
Adjustment of prior years' costs	51		

Loss on retirement of nondepreciable property	-328		
Net nonoperating loss	-371	-100	-100
Net income or loss (-) for the year	-159	2,170	1,402

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Treasury balance	6,114	6,369	6,369	6,369
Accounts receivable, net	3,923	4,094	4,094	4,094
Selected assets: ¹ Supplies and materials	3,220	3,637	3,637	3,637
Long-term accounts receivable	1,040	1,026	972	918
Clearing accounts and undistributed charges	357	437	987	1,387
Other deferred assets	48	17	17	17
Fixed assets, net	116,456	116,478	118,152	119,208
Total assets	131,158	132,058	134,228	135,630
Liabilities:				
Accounts payable and accrued liabilities	2,753	3,498	3,498	3,498
Government equity:				
Obligations:				
Undelivered orders ¹	1,309	1,055	1,055	1,055
Unobligated balance	5,976	5,910	5,910	5,910
Total unexpended balance	7,285	6,965	6,965	6,965
Invested capital and earnings	121,121	121,595	123,765	125,167
Total Government equity	128,405	128,560	130,730	132,132

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Non-interest-bearing capital:			
Start of year	133,351	133,665	133,665
Donated assets, net	314		
End of year	133,665	133,665	133,665
Retained earnings:			
Start of year	-4,946	-5,105	-2,935
Net income for year	-159	2,170	1,402
End of year	-5,105	-2,935	-1,533

¹ The "Change in selected resources" entry on the program and financing schedule relates to these items.

Object Classification (in thousands of dollars)

Identification code 21-30-4400-0-3-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions	9,712	10,231	10,719
11.3 Positions other than permanent	1,213	1,260	1,461
11.5 Other personnel compensation	830	873	926
11.8 Special personal service payments	71	55	58
Total personnel compensation	11,826	12,419	13,164
12.1 Personnel benefits: Civilian employees	1,092	1,147	1,216
21.0 Travel and transportation of persons	130	140	140
22.0 Transportation of things	241	250	250
23.0 Rent, communications, and utilities	539	600	600
24.0 Printing and reproduction	6	7	7
25.0 Other services	1,126	1,626	1,476
26.0 Supplies and materials	2,333	2,825	2,317
31.0 Equipment	1,164	1,150	1,341
32.0 Lands and structures	326	825	725
42.0 Insurance claims and indemnities	50	75	75
Total costs, funded	18,833	21,064	21,311
94.0 Change in selected resources	163		
99.0 Total obligations	18,996	21,064	21,311

Personnel Summary

Total number of permanent positions.....	802	802	802
Full-time equivalent of other positions.....	112	113	125
Average number of all employees.....	896	915	927
Average salary of ungraded positions.....	\$12,388	\$12,757	\$13,365

Intragovernmental funds:

ADVANCES AND REIMBURSEMENTS

Program and Financing (in thousands of dollars)

Identification code 21-30-3900-0-4-503	1970 actual	1971 est.	1972 est.
Program by activities:			
10 Administrative services to other accounts (costs—obligations).....	380	439	152
Financing:			
11 Receipts and reimbursements from: Federal funds.....	-380	-439	-152
Budget authority.....			
Relation of obligations to outlays:			
71 Obligations incurred, net.....			
90 Outlays.....			

Object Classification (in thousands of dollars)

Identification code 21-30-3900-0-4-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	110	126	125
11.3 Positions other than permanent.....	3		
11.5 Other personnel compensation.....	4		
Total personnel compensation....	117	126	125
12.1 Personnel benefits: Civilian employees..	19	17	16
21.0 Travel and transportation of persons..	7	8	8
23.0 Rent, communications, and utilities...	3	3	3
25.0 Other services.....	229	285	
31.0 Equipment.....	5		
99.0 Total obligations.....	380	439	152

Personnel Summary

Total number of permanent positions.....	9	6	6
Average number of all employees.....	8	6	6
Average GS grade.....	11.4	13.0	13.0
Average GS salary.....	\$16,096	\$20,410	\$20,818

**URBAN MASS TRANSPORTATION
ADMINISTRATION**

Federal Funds

General and special funds:

SALARIES AND EXPENSES

For necessary expenses of the Urban Mass Transportation Administration, including services as authorized by 5 U.S.C. 3109, \$6,800,000 to be derived by transfer from the "Urban mass transportation fund."

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-32-0800-0-1-503	1970 actual	1971 est.	1972 est.
Program by activities:			
Administrative expenses (program costs, funded).....	1,546	3,465	6,800
Change in selected resources ¹	49		
10 Total obligations.....	1,595	3,465	6,800
Financing:			
Budget authority.....	1,595	3,465	6,800
Budget authority:			
40 Appropriation.....	1,600	3,325	
41 Transferred to other accounts.....	-5		
42 Transferred from other accounts.....			6,800
43 Appropriation (adjusted).....	1,595	3,325	6,800
44.20 Proposed supplemental for civilian pay act increases.....		140	
Relation of obligations to outlays:			
71 Obligations incurred, net.....	1,595	3,465	6,800
72 Obligated balance, start of year.....	107	185	650
74 Obligated balance, end of year.....	-185	-650	-500
90 Outlays, excluding pay increase supplemental.....	1,517	2,865	6,945
91.20 Outlays from civilian pay act supplemental.....		135	5

¹Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$21 thousand; 1970, \$70 thousand; 1971, \$70 thousand; 1972, \$70 thousand.

This activity covers the costs of research administration, program planning and operations, administrative support, and executive direction. A supplemental appropriation will be requested for 1971.

The urban mass transportation program will be conducted at a \$600 million level of new approvals in 1972. This level compares with approvals of 400 million in 1971. Also, there will be approximately \$400 ongoing projects totaling \$800 million which must be administered.

Object Classification (in thousands of dollars)

Identification code 21-32-0800-0-1-503	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	1,151	2,636	5,386
11.3 Positions other than permanent.....	9	30	69
Total personnel compensation....	1,160	2,666	5,455
12.1 Personnel benefits: Civilian employees	85	241	490
21.0 Travel and transportation of persons..	43	99	136
22.0 Transportation of things.....	7	6	6
23.0 Rent, communications, and utilities...	14	66	122
24.0 Printing and reproduction.....	26	33	68
25.0 Other services.....	163	232	272
26.0 Supplies and materials.....	11	23	47
31.0 Equipment.....	85	99	204
99.0 Total obligations.....	1,595	3,465	6,800

Personnel Summary

Total number of permanent positions.....	129	198	388
Full-time equivalent of other positions.....	5	8	10
Average number of all employees.....	70	150	259
Average GS grade.....	11.1	10.8	10.4
Average GS salary.....	\$16,339	\$15,166	\$13,826

General and special funds—Continued

Proposed for separate transmittal, existing legislation:

SALARIES AND EXPENSES

Program and Financing (in thousands of dollars)

Identification code 21-32-0800-1-1-503	1970 actual	1971 est.	1972 est.
Program activities:			
10 Administrative expenses (costs—obligations).....		150	
Financing:			
40 Budget authority (proposed supplemental appropriation).....		150	
Relation of obligations to outlays:			
71 Obligations incurred, net.....		150	
90 Outlays.....		150	

Enactment of the 1970 amendments (Public Law 91-453) to the Urban Mass Transportation Act of 1964 increased the program level from \$214 million to \$400 million in 1971, as part of the 5-year, \$3.1 billion program. The supplemental appropriation is required in 1971 to accomplish the increased workload generated by the amendments and to provide initial staffing for a field staff.

Public enterprise funds:

URBAN MASS TRANSPORTATION FUND

For an additional amount for grants, contracts, and loans, as authorized by the Urban Mass Transportation Act of 1964, as amended (49 U.S.C. 1601 et seq.), to remain available until expended, \$234,800,000, of which \$150,000,000 is for liquidation of contractual obligations incurred under the authority of the said act.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-32-4119-0-3-503	Administrative reservations			Costs and obligations		
	1970 actual	1971 est.	1972 est.	1970 actual	1971 est.	1972 est.
Program by activities:						
Capital outlay:						
Capital facilities grants.....	132,675	269,700	497,000	117,611	129,402	381,369
Technical studies grants.....	8,030	15,000	25,000	5,302	15,000	20,000
Research, development, and demonstrations, grants and contracts.....	16,325	40,300	75,000	2,203	33,000	60,000
University research and training.....	3,007	3,000	3,000	142	2,000	3,000
Total grants and contracts.....	160,037	328,000	600,000	125,258	179,402	464,369
Capital facilities loans.....		57,000			57,000	
Total grants, contracts, and loans.....	160,037	385,000	600,000	125,258	236,402	464,369
Administrative reservations:						
Start of year.....	97,529	147,359	285,907			
End of year.....	-147,359	-285,907	-285,907			
Change in selected resources ¹				-15,051	10,050	135,631
10 Total capital outlay, obligations.....	110,207	246,452	600,000	110,207	246,452	600,000
Financing:						
Receipts and reimbursements from:						
11 Federal funds.....				-1,060		
Non-Federal Sources:						
14 Loan repayments.....				-225	-57,200	-200
Revenue.....				-187	-911	-307
17 Recovery of prior year obligations.....				-925	-181	
Unobligated balance available, start of year:						
21.47 Authority to spend public debt receipts.....				-50,000	-50,000	
Contract authority (unfunded):						
21.49 Reserved.....						-147,714
Unreserved.....						-2,713,671
21.98 Fund balance.....				-107,455	-174,645	-206,485
Unobligated balance available, end of year:						
24.47 Authority to spend public debt receipts.....				50,000		
Contract authority (unfunded):						
24.49 Reserved.....					147,714	285,907
Unreserved.....					2,713,671	2,106,871
24.98 Fund balance.....				174,645	206,485	68,799
27 Capital transfer to general fund.....					50,000	
Budget authority.....				175,000	3,081,385	-6,800
Budget authority:						
Current:						
40 Appropriation.....					6,000	234,800
40.49 Appropriation to liquidate contract authority.....						-150,000
41 Transferred to other accounts ²						-6,800
43 Appropriation (adjusted).....					6,000	78,000
49 Contract authority.....					³ 2,861,385	
Reduction in unobligated contract authority.....						⁴ -84,800

Permanent:				
60	Appropriation.....		175,000	214,000
Relation of obligations to outlays:				
71	Obligations incurred, net.....		107,811	188,160
	Obligated balance, start of year:			
72.98	Fund balance.....		252,705	256,999
73	Obligated balance transferred, net.....		861	
	Obligated balance, end of year:			
74.49	Contract authority (unfunded).....			-225,812
74.98	Fund balance.....		-256,999	-248,159
90	Outlays.....		104,378	197,000
				320,050

¹ Balances of selected resources are identified on the statement of financial condition.

² Transfer to Salaries and expenses pursuant to amended 49 U.S.C. 1601 et seq.

³ Contract authority provided by amended 49 U.S.C. 1601 et seq.

⁴ Reduction in contract authority provided for in 49 U.S.C. 1601 et seq.

URBAN MASS TRANSPORTATION FUND

Status of Unfunded Contract Authority (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Unfunded balance, start of year.....			2,861,385
Contract authority.....		3,100,000	
Appropriation to Urban Mass Transportation Fund:			
Regular.....		-220,000	-84,800
Supplemental.....		-15,000	
Appropriation to Salaries and expenses:			
Regular.....		-3,325	
Supplemental:			
Program increase.....		-150	
Pay act.....		-140	
Adjusted contract authority.....		2,861,385	2,776,585
Unfunded balance, end of year.....		-2,861,385	-2,626,585
Appropriation to liquidate contract authority.....			150,000

This fund was established to finance all grant, contract, and loan activities authorized by the Urban Mass Transportation Act of 1964.

Under the provisions of the 1970 amendments (Urban Mass Transportation Assistance Act of 1970) authority to obligate \$3.1 billion was provided for the capital facilities, relocation, and technical studies activities. Grants and contracts for research, development, and demonstration; managerial training; and university research and training are funded through appropriations.

Capital outlay.—Capital facilities grants.—Pursuant to the provisions of section 3 of the act, funds may be granted to assist States and local public bodies and agencies thereof in financing acquisition, construction, reconstruction, and improvement of facilities and equipment for use, by operation or lease or otherwise, in mass transportation service in urban areas. The grant shall not exceed two-thirds of the net project cost. In 1972 the program level for new approvals will be \$497 million. This compares with \$284.7 million in 1971.

Relocation grants.—Pursuant to section 7 of the act, capital facilities grants may be made only when there is an adequate relocation program for families and business concerns displaced by the project. While there is no statutory requirement for a relocation program for projects conducted under section 6, it has been determined that relocation programs must be a condition of demonstrations involving the construction of new systems. Grants awarded pursuant to section 7 shall not exceed \$200 for

an individual or family or \$3,000 (or if greater, the certified moving expenses) for a business concern.

Technical studies grants.—Section 9 of the act provides for grants to States and local public bodies and agencies for the planning, engineering, and designing of urban mass transportation projects. Grants under this section shall not exceed two-thirds of the cost of a project. The level of new approvals is estimated at \$25 million for 1972 and this compares with \$15 million in 1971.

Research, development, and demonstrations.—Under section 6 of the act, grants and contracts may be awarded to undertake research, development, and demonstration projects in all phases of urban mass transportation. The level of new approvals is \$75 million for 1972 as compared to \$40.3 million in 1971.

University research and training grants.—Grants under section 10 provide for fellowships to train personnel employed in managerial, technical, and professional positions in the urban mass transportation field. Provision is made for 100 fellows at a maximum cost of \$12 thousand with a total constraint of \$1,500 thousand per year.

Section 11 of the act provides for grants to public and private nonprofit institutions of higher learning to assist in establishing or carrying on comprehensive research in the problems of transportation in urban areas. Activities include training and courses of instruction for persons in this field. The maximum that can be used for these undertakings is \$3 million in any year.

Capital facilities loans.—Under section 3 of the act, loans may be made to assist States and local public bodies and agencies thereof in financing acquisition, construction, reconstruction, and improvement of land, facilities, and equipment for use, by operation or lease or otherwise, in mass transportation service in urban areas. There is no planned activity for 1972; and in 1971 a \$57 million loan was approved.

Administrative expenses.—Under section 4(c) of the act, all appropriations—excluding liquidating cash appropriations—must be charged against the available contract authority. Under section 12(a) authority exists to use this account for administrative expenses. In 1972, it is proposed that the appropriation to the fund include an item for administrative expenses with the amount (\$6.8 million) being transferred to the Salaries and expenses account.

Financing.—This fund was initially capitalized through appropriations and transfer of the assets and liabilities from a demonstration and loan program that was enacted

Public enterprise funds—Continued

URBAN MASS TRANSPORTATION FUND—Continued

in 1961. On July 1, 1968, a portion of the assets, liabilities, and unexpended balance of the Urban Mass Transportation Fund were transferred to the Department of Housing and Urban Development. The main portion of the fund became the responsibility of the Urban Mass Transportation Administration, Department of Transportation. Appropriations are authorized as additional capital to fund for purposes of the research, development, and demonstration; university research and training; and managerial training activities of the program. Contract authority has been provided as capital to conduct the capital facilities relocation and technical studies activities.

Contract authority was granted for a \$3,100 million program. However, the act provides that all appropriations (excluding liquidating cash) for program activities and administrative expenses be charged against the contract authority.

The amendments for 1970 provide for appropriations to liquidate obligations. This authority provides for \$1,860 million in liquidating cash through June 30, 1975, with an initial amount of \$80 million authorized for 1971. It is anticipated that this authority will be exercised during 1971 and this budget contemplates a supplemental for \$15 million. As this request for liquidating cash is being made in the first year that the program is using contract authority, the anticipated appropriation is considered new obligatory authority and, thus, is a reduction of the \$3,100 million.

The requested appropriation for 1972 includes \$150 million for liquidating cash. The item does not affect the available amount of contract authority.

Additional capital appropriations for 1972 are required in the amount of \$78 million. This will be used for the activities conducted pursuant to sections 6, 10, and 11 of the act.

The following schedule presents an analysis of contract authority (in millions of dollars):

Contract authority:	1971 estimate	1972 estimate
Start of year:		
Reserved.....		147.7
Unreserved.....		2,713.7
Made available.....	3,100.0	
Less:		
Appropriation to fund.....	-235.0	-84.8
Appropriations to Salaries and expenses.....	-3.6	
Available for obligation.....	2,861.4	2,776.6
Amount obligated.....		-383.8
Unobligated.....	2,861.4	2,392.8
Amount reserved.....	-147.7	-285.9
Unreserved balance.....	2,713.7	2,106.9

Revenue and Expense (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Revenue.....	187	911	307
Expense.....			
Net income for year.....	187	911	307

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Treasury balance.....	360,160	431,644	474,424	608,086
Accounts receivable, net.....	401	90	20	20
Selected assets-advances.....			1,800	1,800
Loans receivable, net.....	4,800	4,575	4,375	4,175
Total assets.....	365,361	436,309	480,619	614,081
Liabilities:				
Accounts payable and accrued liabilities.....		18,980	21,600	21,600
Government equity:				
Obligation: ¹				
Undisbursed obligations; Grant, contract and loan appropriations.....	253,106	238,109	248,159	293,795
Contract authorization.....				225,812
Unobligated balance.....	157,455	224,645	3,067,870	2,461,577
Total unexpended balance.....	410,561	462,753	3,316,029	2,981,184
Undrawn authorizations.....	-50,000	-50,000	-2,861,385	-2,392,878
Total funded balance.....	360,561	412,753	454,644	588,306
Invested capital and earnings.....	4,800	4,575	4,375	4,175
Total Government equity.....	365,361	417,328	459,019	592,481

¹ The change in this item is reflected on the program and financing schedule.

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Non-interest-bearing capital:			
Start of year.....	346,742	418,225	391,225
Appropriation during year.....	175,000	235,000	234,800
Appropriation expended (disbursements).....	-104,378	-212,000	-320,050
Transfers to the Salaries and expense account.....			-6,800
Transfers from Urban Mass Transportation program, Department of Housing and Urban Development.....	861		
Transfer to general fund.....		-50,000	
End of year.....	418,225	391,225	299,175
Retained earnings:			
Start of year.....	-1,084	-897	14
Net income for the year.....	187	911	307
End of year.....	-897	14	321

Object Classification (in thousands of dollars)

Identification code 21-32-4119-0-3-503	1970 actual	1971 est.	1972 est.
URBAN MASS TRANSPORTATION ADMINISTRATION			
25.0 Other Services.....		20,000	75,000
33.0 Investments and loans.....		57,000	
41.0 Grants, subsidies, and contributions.....	107,548	169,392	525,000
Total obligations, Urban Mass Transportation Administration.....	107,548	246,392	600,000
ALLOCATION TO FEDERAL HIGHWAY ADMINISTRATION			
41.0 Grants, subsidies, and contributions..	2,659	60	
99.0 Total obligations.....	110,207	246,452	600,000

Proposed for separate transmittal, existing legislation :

URBAN MASS TRANSPORTATION FUND

Program and Financing (in thousands of dollars)

Identification code	Administrative reservations			Costs and obligations		
	1970 actual	1971 est.	1972 est.	1970 actual	1971 est.	1972 est.
Program by activities:						
10 Capital facilities, grants.....		15,000			15,000	
Financing:						
40 Budget authority (proposed supplemental appropriation).....					15,000	
Relation of obligations to outlays:						
71 Obligations incurred, net.....					15,000	
90 Outlays.....					15,000	

A supplemental appropriation of \$15 million to liquidate contracts entered into under the authority contained in section 4(c) of the act.

ALLOCATIONS RECEIVED FROM OTHER ACCOUNTS

Note.—Obligations incurred under allocations from other accounts are included in the schedules of the parent appropriation as follows: Housing and Urban Development: Urban transportation.

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Federal Funds

Public enterprise funds:

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

The Saint Lawrence Seaway Development Corporation is hereby authorized to make such expenditures, within the limits of funds and borrowing authority available to such Corporation, and in accord with law, and to make such contracts and commitments without regard to fiscal year limitations as provided by section 104 of the Government Corporation Control Act, as amended, as may be necessary in carrying out the programs set forth in the budget for the current fiscal year for such Corporation, except as hereinafter provided.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code	1970 actual	1971 est.	1972 est.
Program by activities:			
Operating costs and interest, funded:			
1. Lock operations.....	633	894	920
2. Maintenance of plant and equipment.....	798	952	981
3. Operational planning and development.....			215
4. Other operation and maintenance expenses.....	300	454	468
5. Administrative expenses (limitation).....	608	715	721
Subtotal (operating expenses).....	2,339	3,015	3,305
6. Interest on borrowings.....	3,727	400	
Total operating costs and interest, funded.....	6,066	3,415	3,305
Capital outlay, funded:			
1. Locks.....	31	72	78
2. Rehabilitation of locks.....	189	214	111
3. Navigation aids and related facilities.....		29	50

4. Channels and canals.....		53	60
5. Permanent buildings and equipment (including replacements)	106	136	112
Total capital outlay, funded.....	326	504	411
Total program costs, funded.....	6,392	3,919	3,716
Change in selected resources ¹	-112	14	
10 Total obligations.....	6,280	3,933	3,716
Financing:			
14 Receipts and other reimbursements from: Non-Federal sources:			
Revenue.....	-6,331	-7,000	-7,100
Proceeds from sale of equipment (40 U.S.C. 481(c)).....	-33	-30	-30
17 Recovery of prior year obligations.....		-3,165	
21.47 Unobligated balance available, start of year: Authority to spend public debt receipts.....	-3,548	-3,633	-6,794
24.47 Unobligated balance available, end of year: Authority to spend public debt receipts.....	3,633	6,794	6,808
25 Unobligated balance lapsing ²		3,100	3,400
Budget authority.....			

Relation of obligations to outlays:			
71 Obligations incurred, net.....	-84	-6,262	-3,414
Obligated balance, start of year:			
72.47 Authority to spend public debt receipts.....	2,652	2,567	-594
72.98 Fund balance.....	327	319	319
Obligated balance, end of year:			
74.47 Authority to spend public debt receipts.....	-2,567	594	608
74.98 Fund balance.....	-319	-319	-319
90 Outlays.....	8	-3,100	-3,400

¹ Balances of selected resources are identified on the statement of financial condition.

² For retirement of bonds issued to U.S. Treasury.

The Saint Lawrence Seaway Development Corporation, a wholly Government-owned enterprise, is responsible for the development, operation, and maintenance of the St. Lawrence Seaway system in the United States. The Corporation is one of the operating administrations within the Department of Transportation and has offices both in the Department and in Massena, N.Y. (33 U.S.C. 981 et seq.).

Public enterprise funds—Continued

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION—Continued

The Corporation has joint responsibility with the St. Lawrence Seaway Authority of Canada for the 114-mile reach of the international section of the St. Lawrence River between Lake Ontario and St. Regis, N. Y. Principal facilities of the U.S. Corporation—the Eisenhower and Snell Locks, the Wiley-Dondero Canal, the Corporation's offices, and operational and maintenance facilities—are located in Massena, N. Y., and vicinity.

Budget program.—The Corporation operates and maintains the locks, channels, canals, and related seaway facilities. In addition, a new operational planning and development activity has as its primary objective the encouragement of growth of commerce on the Great Lakes and the seaway, together with maximum utilization of the existing public facilities.

Financing.—The Corporation is authorized to borrow \$140 million from the U.S. Treasury for financing the costs of the seaway, of which \$133.8 million has been used. The unused balance of \$6.2 million is retained to preserve the Corporation's borrowing authority to meet emergency requirements in the future. Public Law 91-469, approved October 21, 1970, amended the act creating the Saint Lawrence Seaway Development Corporation by terminating the accrual and payment of interest on the obligations of the Corporation and for other purposes.

Operating results and financial condition.—The Corporation is self-supporting through tolls assessed shippers using the seaway facilities. All operating costs are paid from toll revenues and net operating income returned to the Treasury in payment of principal.

For 1972, the Corporation's total revenue is estimated at \$7.1 million to be applied as follows:

(a) To pay estimated operating expenses for 1972 of \$3.3 million consisting of administrative expenses of \$0.7 million (subject to congressional limitation), \$2.4 million for operation and maintenance of seaway facilities, including \$0.2 million for operational planning and development.

(b) To pay estimated capital outlay cost of \$0.4 million consisting of \$0.3 million for construction and \$0.1 million for lock rehabilitation expenses. The 1972 construction program of \$0.3 million includes replacement of floating aids with fixed aids in conjunction with extended navigational season, ice control equipment, traffic control equipment, sewage treatment facilities for Corporation's floating plant and commercial vessels, installation of revised timber fender anchorage at upstream Eisenhower Lock, current control study, South Cornwall channel, and various equipment purchases.

(c) To pay \$3.4 million for retirement of bonds issued to the U.S. Treasury.

Tolls review.—The review of the St. Lawrence Seaway Tariff of Tolls was completed in 1967 and an agreement with the Government of Canada provided for a review of seaway toll structures after 4 years, at the request of either seaway entity.

Revenue and Expense (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Operating program:			
Revenue:			
Shipping tolls.....	6,236	6,950	7,050
Other.....	95	50	50
Total revenue.....	6,331	7,000	7,100

Expense:			
Operation and maintenance.....	1,731	2,300	2,584
Administrative.....	608	715	721
Total expense.....	2,339	3,015	3,305
Net operating income before lock rehabilitation charges.....	3,992	3,985	3,795
Lock rehabilitation charges.....	-189	-214	-111
Net operating income.....	3,803	3,771	3,684
Nonoperating income or loss:			
Proceeds from sale of equipment.....	33	30	30
Net book value of assets sold.....	-33	-30	-30
Net gain or loss from sale of equipment.....	-----	-----	-----
Interest expense.....	6,155	400	-----
Provision for depreciation and losses.....	1,715	1,650	1,650
Net nonoperating loss.....	-7,870	-2,050	-1,650
Net income or loss (-) for the year....	-4,067	1,721	2,034

Financial Condition (in thousands of dollars)

	1969 actual	1970 actual	1971 est.	1972 est.
Assets:				
Drawing account with Treasury.....	327	319	319	319
Accounts receivable, net.....	190	295	295	295
Accrued tolls, receivable, unbilled.....	266	400	400	400
Selected assets, supplies ¹	169	155	155	155
Fixed assets, net.....	116,732	115,122	107,026	105,646
Total assets.....	117,684	116,291	108,195	106,815
Liabilities:				
Accounts payable and accrued liabilities.....	3,300	3,546	370	356
Government equity:				
Obligations: Undelivered orders ¹	135	36	50	50
Unobligated balance.....	3,548	3,633	6,794	6,808
Undrawn authorizations.....	-6,200	-6,200	-6,200	-6,200
Total funded balance.....	-2,517	-2,532	644	658
Invested capital and earnings.....	116,901	115,277	107,181	105,801
Total Government equity.....	114,384	112,745	107,825	106,459

¹ The "Change in selected resources" entry on the program and financing schedule relates to these items.

Analysis of Changes in Government Equity (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Interest-bearing capital:			
Revenue bonds:			
Start of year.....	133,476	133,476	-----
Reclassification to non-interest-bearing debt.....	-----	-133,476	-----
End of year.....	133,476	-----	-----
Deferred interest:			
Start of year.....	18,602	21,030	-----
Deferred during year, net.....	2,428	-----	-----
Reclassification of prior year current interest liability.....	-----	3,165	-----
Forgiveness of accrued and unpaid interest.....	-----	-24,195	-----
End of year.....	21,030	-----	-----
Total interest-bearing capital.....	154,506	-----	-----

Non-interest-bearing capital:			
Start of year			130,376
Reclassification to non-interest-bearing debt	133,476		
Repayment of borrowings from Treasury	-3,100	-3,400	
End of year	130,376	126,976	
Deficit:			
Start of year	-37,694	-41,761	-22,551
Adjustment of unpaid interest		17,489	
Net income or loss (-) for the year	-4,067	1,721	2,034
End of year	-41,761	-22,551	-20,517

Object Classification (in thousands of dollars)

Identification code 21-35-4089-0-3-502	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions	1,227	1,450	1,582
11.3 Positions other than permanent	27	26	26
11.5 Other personnel compensation	74	75	78
11.8 Special personal service payments	5	5	5
Total personnel compensation	1,333	1,556	1,691
12.1 Personnel benefits: Civilian employees	115	132	169
21.0 Travel and transportation of persons	12	17	38
22.0 Transportation of things	1	12	12
23.0 Rent, communications, and utilities	49	70	90
24.0 Printing and reproduction	3	13	24
25.0 Other services	205	565	503
26.0 Supplies and materials	298	374	378
31.0 Equipment	34	50	75
41.0 Grants, subsidies, and contributions	7	15	15
43.0 Interest and dividends	3,727	400	
93.0 Administrative expenses (see separate schedule)	608	715	721
Total costs, funded	6,392	3,919	3,716
94.0 Change in selected resources	-112	14	
99.0 Total obligations	6,280	3,933	3,716

Personnel Summary

Total number of permanent positions	140	140	157
Full-time equivalent of other positions	5	6	7
Average number of employees	136	138	156
Average GS grade	9.5	9.7	9.1
Average GS salary	\$12,309	\$13,257	\$12,303
Average wage-board salary	\$8,926	\$9,127	\$9,402

LIMITATION ON ADMINISTRATIVE EXPENSES, SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Not to exceed \$721,000 shall be available for administrative expenses which shall be computed on an accrual basis, including not to exceed \$3,000 for official entertainment expenses to be expended upon the approval or authority of the Secretary of Transportation, hire of passenger motor vehicles, uniforms or allowances therefor for operation and maintenance personnel, as authorized by law (5 U.S.C. 5901-5902) and for services as authorized by 5 U.S.C. 3109.

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

	1970 actual	1971 est.	1972 est.
Program by activities:			
Administration (total accrued expenses—costs)	608	715	721

Financing:			
Unobligated balance lapsing	44		
Limitation	652	700	721
Proposed increase in limitation for civilian pay increases		15	

Object Classification (in thousands of dollars)

Identification code 21-35-4089-0-3-502	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions	381	473	477
11.3 Positions other than permanent	7	20	20
11.8 Special personal service payments	14	4	4
Total personnel compensation	402	497	501
12.1 Personnel benefits: Civilian employees	34	41	43
21.0 Travel and transportation of persons	28	30	30
22.0 Transportation of things	1	10	10
23.0 Rent, communications, and utilities	29	32	32
24.0 Printing and reproduction	42	45	45
25.0 Other services	61	50	50
26.0 Supplies and materials	11	10	10
93.0 Administrative expenses included in schedule for fund as a whole	-608	-715	-721
99.0 Total obligations			

Personnel Summary

Total number of permanent positions	36	36	36
Full-time equivalent of other positions	1	1	1
Average number of all employees	35	35	35
Average GS grade	8.6	8.5	8.6
Average GS salary	\$12,959	\$12,686	\$13,078
Average wage-board salary	\$8,570	\$8,736	\$8,861

NATIONAL TRANSPORTATION SAFETY BOARD

Federal Funds

General and special funds:

SALARIES AND EXPENSES

For necessary expenses of the National Transportation Safety Board, including employment of temporary guards on a contract or fee basis; hire, operation, maintenance, and repair of aircraft; hire of passenger motor vehicles; services as authorized by 5 U.S.C. 3109; and uniforms, or allowances therefor, as authorized by law (5 U.S.C. 5901-5902); \$6,900,000. (49 U.S.C. Section 1651 et seq.)

Note.—The appropriation for this account for 1971 had not been enacted at the time this budget was prepared. A temporary continuing appropriation is in effect for the period from July 1 to March 30.

Program and Financing (in thousands of dollars)

Identification code 21-40-0110-0-1-506	1970 actual	1971 est.	1972 est.
Program by activities:			
1. Policy formulation, legal assistance, and information services	494	562	588
2. Program execution and support	589	684	718
3. Aviation accident cause determination and safety promotion	3,533	4,139	4,544
4. Surface transportation accident cause determination and safety promotion	516	628	779
5. Certificate or license appeal	213	237	271
Total program costs, funded	5,345	6,250	6,900
Change in selected resources	93		
10 Total obligations	5,438	6,250	6,900
Financing:			
25 Unobligated balance lapsing	40		
Budget authority	5,478	6,250	6,900

General and special funds—Continued

SALARIES AND EXPENSES—Continued

Program and Financing (in thousands of dollars)—Continued

Identification code 21-40-0110-0-1-506	1970 actual	1971 est.	1972 est.
Budget authority:			
40 Appropriation.....	5,400	6,000	6,900
40 Pay increase (Public Law 91-305).....	78		
41 Transferred to other accounts.....	-1		
43 Appropriation (adjusted).....	5,478	6,000	6,900
44.20 Proposed supplemental for civilian pay act increases.....		250	
Relation of obligations to outlays:			
71 Obligations incurred, net.....	5,438	6,250	6,900
72 Obligated balance, start of year.....	299	366	466
74 Obligated balance, end of year.....	-366	-466	-566
77 Adjustments in expired accounts.....	55		
90 Outlays, excluding pay increase supplemental.....	5,425	5,910	6,790
91.20 Outlays from civilian pay act supplemental.....		240	10

¹ Includes capital outlay as follows: 1970, \$28 thousand; 1971, \$64 thousand; 1972, \$35 thousand.

² Selected resources as of June 30 are as follows: Unpaid undelivered orders, 1969, \$23 thousand; 1970, \$116 thousand; 1971, \$116 thousand; 1972, \$116 thousand.

The Safety Board investigates, determines the probable cause, and issues reports on all civil aviation accidents; makes final cause determination and reports the facts and circumstances of major surface transportation accidents, relying on the Administrations within the Department of Transportation to investigate such surface transportation accidents; conducts special transportation safety studies; makes recommendations for the purpose of preventing accidents and promoting safety in transportation; examines the adequacy of transportation safety standards and determines compliance with these standards; and reviews on appeal actions against any certificate or license issued by the Secretary or an Administrator of the Department of Transportation.

1. *Policy formulation, legal assistance, and information services.*—This activity covers the formulation and development of policy and program objectives, providing legal advice and assistance to the Safety Board components, rendering decisions on transportation safety matters, and providing information services concerning the Safety Board's activities.

2. *Program execution and support.*—This activity covers the centralized management, control, and execution of day-to-day operations of the Safety Board's programs.

3. *Aviation accident cause determination and safety promotion.*—This activity covers investigations of all U.S. civil aviation accidents, except investigations which are delegated to the Federal Aviation Administration; determining accident cause and reporting the facts and circumstances in all aviation accidents; conducting special studies; and making recommendations on matters pertaining to aviation safety promotion and aviation accident prevention.

4. *Surface transportation accident cause determination and safety promotion.*—This activity covers the fields of railroad, highway, pipeline, and marine safety. The

Safety Board delegates accident cause determinations of most accidents to the Administrations within the Department of Transportation, but reserves the right to make cause determinations and report the facts and circumstances of all surface transportation accidents which it determines to be major. The Safety Board conducts surface transportation studies and acts as an energizer in surface transportation safety promotion and surface transportation accident prevention.

5. *Certificate or license appeal.*—This activity covers the review on appeal of the suspension, amendment, modification, revocation, or denial of any certificate or license issued by the Secretary or an Administrator of the Department of Transportation.

Object Classification (in thousands of dollars)

Identification code 21-40-0110-0-1-506	1970 actual	1971 est.	1972 est.
Personnel compensation:			
11.1 Permanent positions.....	4,143	4,609	4,919
11.3 Positions other than permanent.....	13	13	13
11.5 Other personnel compensation.....	28	46	77
11.8 Special personal service payments.....	37	55	87
Total personnel compensation.....	4,221	4,723	5,096
12.1 Personnel benefits: Civilian employees.....	335	375	435
21.0 Travel and transportation of persons.....	218	290	372
22.0 Transportation of things.....	5	19	20
23.0 Rent, communications, and utilities.....	80	130	141
24.0 Printing and reproduction.....	102	177	189
25.0 Other services.....	316	430	565
26.0 Supplies and materials.....	40	42	47
31.0 Equipment.....	28	64	35
Total costs, funded.....	5,345	6,250	6,900
94.0 Change in selected resources.....	93		
99.0 Total obligations.....	5,438	6,250	6,900

Personnel Summary

Total number of permanent positions.....	275	281	291
Full-time equivalent of other positions.....	4	4	4
Average number of all employees.....	251	271	281
Average GS grade.....	11.3	11.4	11.4
Average GS salary.....	\$16,846	\$17,165	\$17,509

Trust Funds

DONATIONS

Program and Financing (in thousands of dollars)

Identification code 21-40-8969-0-7-506	1970 actual	1971 est.	1972 est.
Financing:			
21 Unobligated balance available, start of year.....	-28	-28	-28
24 Unobligated balance available, end of year.....	28	28	28
Budget authority.....			
Relation of obligations to outlays:			
71 Obligations incurred, net.....			
90 Outlays.....			

Donations received are to be used in connection with aircraft accident investigation work.

GENERAL PROVISIONS

【All funds transferred to the Airport and Airway Trust Fund pursuant to section 208c of Public Law 91-258 shall be available for expenditure to meet obligations incurred before July 1, 1970, for the purposes and activities specified in the appropriation act by which said funds were originally appropriated or for obligations and expenditures after June 30, 1970, for the same or similar purposes and activities authorized by Public Law 91-258.】 (*Supplemental Appropriations Act, 1971.*)

SEC. 301. During the current fiscal year applicable appropriations to the Department of Transportation shall be available for maintenance

and operation of aircraft; hire of passenger motor vehicles and aircraft; and uniforms, or allowances therefor, as authorized by law (5 U.S.C. 5901-5902).

SEC. 302. Funds appropriated under this Act for expenditure by the Federal Aviation Administration may be expended for reimbursement of other Federal agencies for expenses incurred, on behalf of the Federal Aviation Administration, in the settlement of claims for damages resulting from sonic boom in connection with research conducted as part of the civil supersonic aircraft development.

SEC. 303. No part of any appropriation contained in this Act shall remain available for obligation beyond the current fiscal year unless expressly so provided herein.